Ray Wong

South County Regional Wastewater Authority

Report for

Effluent Total Dissolved Solids Investigation

April 1995

MONTGOMERY WATSON

MONTGOMERY WATSON

April 27, 1995

Mr. John Mijares
Regional Water Quality Control Board-
Central Coast Region
81 Higuera Street
San Luis Obispo, CA 93401-5414

SUBJECT: Effluent TDS Investigation - South County Regional Wastewater Authority FILE NO.: 1443.0030/6.13

Dear Mr. Mijares:

On behalf of the South County Regional Wastewater Authority (Authority), Montgomery Watson has prepared this report titled, "Effluent Total Dissolved Solids Investigation," in compliance with the Regional Board letter, dated, November 16, 1994. The investigation included an extensive field sampling of several commercial, industrial and residential TDS discharges located in the Authority's service area. The data analysis included an overview of the overall groundwater TDS impacts from both the municipal effluent and the Gilroy Food Processor Wastewater Facility (FPWF). Based upon the data analysis, prominent TDS dischargers were identified as potential candidates for Best Management Practices (BMPs) aimed at reducing groundwater TDS impacts.

Significant commercial TDS discharges identified from this investigation consisted of restaurants/food handling facilities and laundromats. Significant industrial TDS dischargers included the following businesses: water softening, seed coat manufacturing, cardboard container manufacturing and commercial laundry. Review of the residential consumptive TDS loads indicated that self-regenerative water softeners could be a significant TDS contributor. The water softener impact was based upon the assumption that 15 percent of the service-area population utilized self-regenerative water softeners. In addition, the tomato process wastewater from Gilroy Canning is also a prominent source of TDS loads to the groundwater basin.

The historical municipal consumptive TDS concentration frequently exceeds the Regional Board's current consumptive limit of 370 mg/L; however, the consumptive concentration consistently meets the Regional Board's previous consumptive limit of 425 mg/L. With the implementation of the various BMPs proposed in this report, some reduction in the overall municipal TDS loads can be expected. To achieve a 5 percent reduction in the overall municipal TDS load, a combination of TDS reductions in the consumptive commercial/industrial (30 percent) and residential water softener (45 percent) discharges is required. At this time, commercial/industrial BMPs will include focused process audits, etc. Residential TDS reductions will be achieved through public education campaigns, such as the production of information brochures on water softeners. The effect of TDS reduction BMPs on achieving compliance with the current consumptive limit of 370 mg/L is unknown. Further, it should be recognized that recent water conservation practices such

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as low flow showerheads, toilets, etc., result in increased consumptive TDS concentrations. Therefore, to ensure consistent permit compliance, the Authority requests the Regional Board revert to the previous consumptive TDS limit of 425 mg/L.

In the meantime, the Authority will continue to emphasize TDS reduction through source control and pretreatment efforts. Further, discharges from the Gilroy FPWF will be audited to identify TDS reduction methods.

If you have any questions, please telephone me at 510 274 2277.

Very truly yours,

Ramesh Babu
Project Engineer

cc: Jay Baksa, City of Gilroy
Rick Smelser, City of Gilroy
Al Slechta, OMI-Gilroy
David Lindow, Montgomery Watson

SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

EFFLUENT TOTAL DISSOLVED SOLIDS INVESTIGATION

April 1995

Prepared by

Montgomery Watson

Walnut Creek, California

EFFLUENT TOTAL DISSOLVED SOLIDS INVESTIGATION

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Executive Summary

EXECUTIVE SUMMARY

INTRODUCTION

This report presents the results of a service-area wide investigation conducted by the South County Regional Wastewater Authority (Authority) to identify the sources of Total Dissolved Solids (TDS) in the municipal effluent. This investigation is in response to the Central Coast Regional Water Quality Control Board's (Regional Board) concerns with increasing TDS concentration trends in the shallow groundwater monitoring wells located at the Authority's Gilroy-Morgan Hill Wastewater Treatment Plant (WWTP). The goal of this effort is to identify the steps necessary for the Authority to achieve compliance with the revised municipal effluent TDS discharge limit of water supply TDS concentration + 370 mg/L for the new treatment plant. The previous municipal effluent TDS discharge limit was water supply TDS concentration + 425 mg/L.

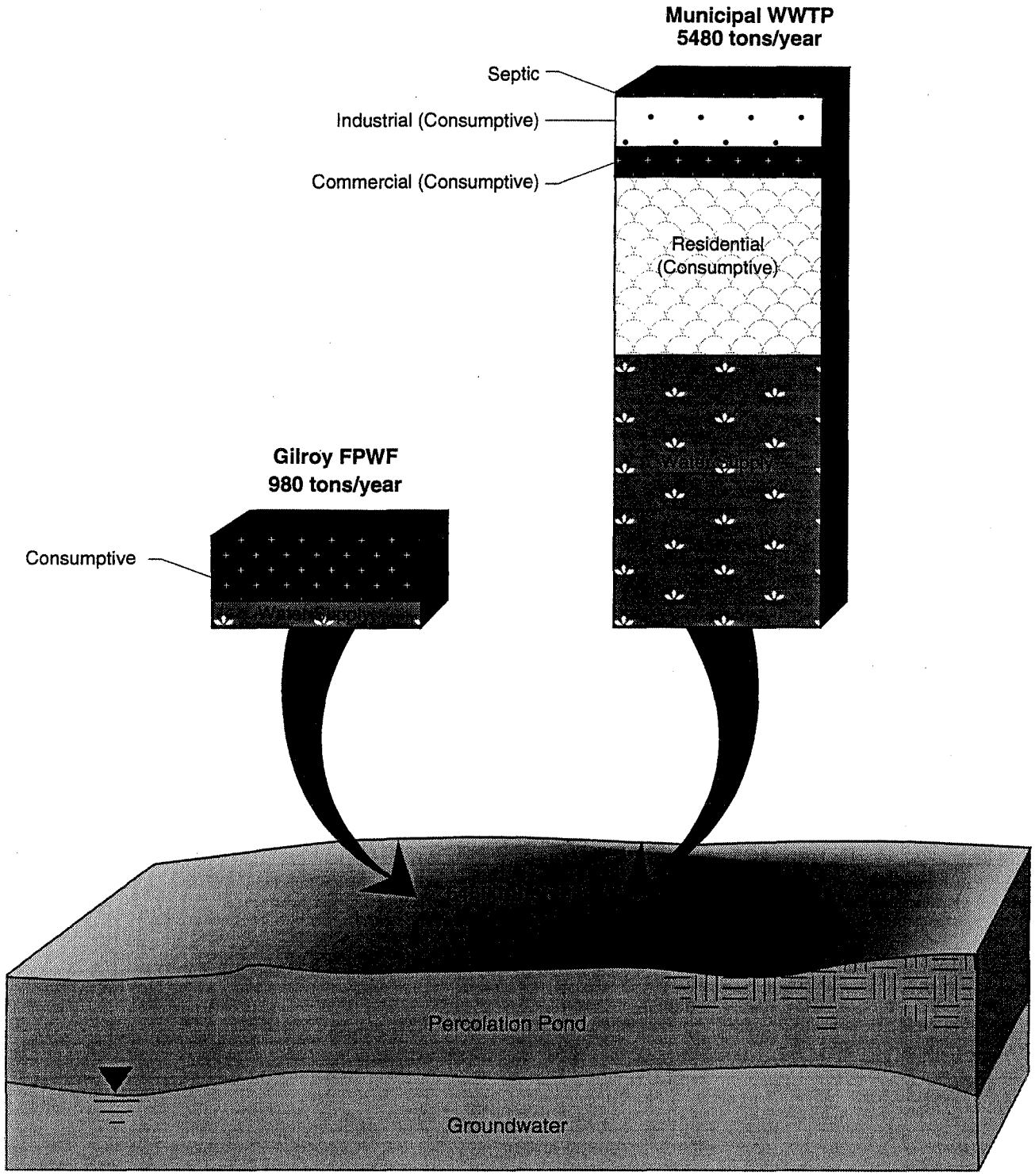
INVESTIGATION FINDINGS

A schematic of the overall TDS contribution to the groundwater at the Gilroy-Morgan Hill WWTP and the Gilroy FPWF is presented in Figure ES-1. A summary of the findings and conclusions from this investigation is presented as follows.

- The municipal effluent contributes about 5,480 tons/year of TDS to the municipal effluent, equivalent to about 0.51 lbs/capita/day. The various sources of municipal effluent TDS include residential, septage, commercial and light industrial activities.

- The consumptive residential TDS contribution from the various household activities is about 0.17 lbs/capita/day. Residential consumptive TDS contributors include cooking, bathing, dishwashing, laundry, house cleaning, swimming pools, self-regenerative water softeners, etc.

- Based upon discussions with water softener vendors and other literature information, the overall TDS contribution from self-regenerative water softeners to the municipal effluent is estimated at about 13 percent. An analysis of the impact of water softener reduction to the overall total TDS load showed that to achieve a 5 percent TDS reduction requires a 45 percent reduction in water



SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

SCHEMATIC OF ANNUAL TDS LOADS TO GROUNDWATER

FIGURE ES-1

softener use. It was estimated that 15 percent of the service area population utilizes self-regenerative water softeners.

- As part of this investigation, a visit to a regional retailer of residential water softeners was conducted. Discussions with the vendor indicated that self-regenerative water softeners (TCR and DIR) were the preferred choice among the residential consumers. In fact, this vendor sold only self-regenerative water softeners because of consumer demand. Therefore, it appears that public education that explains the differences between water softeners may be an effective alternative to regulatory enforcement.

- The food process wastewater (from Gilroy Canning) contributes about 980 tons/year to the percolation ponds at the Gilroy FPWF. The FPWF percolation ponds are located adjacent the municipal effluent percolation ponds. As a result, the total annual TDS contribution to the groundwater at the Gilroy-Morgan Hill WWTP and the Gilroy FPWF is about 6,460 tons/year.

- The prominent sources of commercial TDS discharges were restaurants, laundromats and shopping centers. The TDS investigation of commercial businesses included a total of 71 sites, broadly grouped under 10 categories. The commercial categories were fast food restaurants, car washes, schools, laundromats, light industrial parks, medical/dental facilities, bakeries, supermarkets, auto dealerships/body shops and shopping centers. Shopping centers include a combination of businesses such as restaurants, laundromats, bakeries, etc.

- The prominent industrial TDS contributors to the WWTP were commercial laundries, cardboard manufacturing, seed coat manufacturing and water softening. To achieve a 5 percent reduction in the overall municipal TDS load requires a 30 percent consumptive TDS reduction from commercial/industrial discharges.

- It was observed that with the recent drought (1986-1992), water conservation practices have resulted in decreased water use. The per capita water consumption decreased from 98 gpcd to 79 gpcd between 1985 and 1992. In addition, several commercial and industrial facilities have also undertaken

modifications to improve water conservation. As a result, water conservation may result in increased TDS concentrations in the municipal effluent.

- The field investigation of residential trunk sewer sampling showed no observable variation in TDS discharges based upon socio-economic factors. It was speculated that wealthier residential neighborhoods would contribute higher TDS discharges from swimming pools, self-regenerative water softeners, etc. The field data may have been influenced by infiltration/inflows to the sewer as this investigation was conducted between the winter months of December 1994 through March 1995.

- Annual septage discharges to the Gilroy-Morgan Hill WWTP are estimated between 320,000 gallons and 390,000 gallons. Septage samples had high TDS concentrations; however, the overall mass loading to the treatment plant was <1 percent of the overall TDS mass contributions to the treatment plant.

- The Gilroy CCD maintains a proactive pretreatment and source control program. In January 1995, the CCD initiated a restaurant grease removal reporting program for the various restaurants/food handling facilities in the service area. Of the 359 permitted commercial businesses in the Gilroy/Morgan Hill area, 160 are restaurant/food handling facilities.

- The CCD has also implemented a swimming pool draining permit requirement. As noted in the July 1994 study, swimming pool discharges have TDS concentrations that range between 760 mg/L and 7,050 mg/L. The Fish and Game Department bans the discharge of swimming pools to the storm drain due to potential impacts (from chlorine) to fish and wildlife in the receiving environment. Therefore, pool drainings are discharged to the municipal WWTP.

RECOMMENDATIONS

Based upon this investigation, an overall reduction in the total TDS discharges to the municipal effluent could potentially be achieved by source control/pretreatment efforts. The impact of these source control/pretreatment efforts will have to be determined over an extended time period. Specific recommendations from this investigation are as follows:

- Initial TDS source control efforts should focus on prominent commercial/industrial dischargers, such as restaurants and laundromats. The CCD will continue to monitor the activity of the various permitted commercial/industrial dischargers.

- Conduct a process audit of restaurants/food handling facilities and implement BMPs (included in the report) for the restaurant/food handling businesses in the service area. On-going CCD efforts such as the recently implemented restaurant grease removal program may have an indirect impact on municipal TDS reduction.

- Conduct a TDS audit of the tomato processing operation at Gilroy Canning during the 1995 food processing season and identify TDS reduction measures. It should be recognized that Gilroy Canning has made significant process changes that result in lower TDS discharges.

- As required in the Waste Discharge Requirement (WDR) Order No. 92-20, monitor the municipal influent TDS concentration. In addition, conduct periodic monitoring of the trucked-in septage. Include a summary discussion of annual TDS loadings in the annual report. As discussed earlier, the mass-based TDS loading approach provides a bench mark for reviewing TDS loadings trends over extended time periods.

- Implement a public education campaign focused on reducing high TDS discharges. The Gilroy CCD currently provides local businesses with information on pollution prevention activities and actively participate in public education. In general, the various pollution prevention activities are expected to lower the municipal TDS content.

- In cooperation with WQA, develop educational brochures that explain the differences between various commercially available residential water softeners. These brochures will be made available to the general public through mailings and other media.

- The historical consumptive effluent TDS data indicates frequent violation of the Regional Board's current consumptive limit of 370 mg/L; however, consistent compliance is achievable with the Regional Board's previous consumptive limit of 425 mg/L. To enable consistent permit compliance, the consumptive limit needs to be reverted to 425 mg/L. It should be recognized that the overall TDS contribution over the past several years may have actually remained steady. However, the impact of water conservation measures such as low flow toilets, etc., results in higher TDS concentrations in the municipal effluent.

Section 1

CHAPTER 1

INTRODUCTION

This report presents the results of a service-area wide investigation conducted by the South County Regional Wastewater Authority (Authority) to identify the sources of Total Dissolved Solids (TDS) in the municipal effluent. This investigation is in response to the Central Coast Regional Water Quality Control Board's (Regional Board) concerns with increasing TDS concentration trends in the shallow groundwater monitoring wells located at the Authority's Gilroy-Morgan Hill Wastewater Treatment Plant (WWTP). The goal of this effort is to identify the steps necessary for the Authority to achieve compliance with the revised municipal effluent TDS discharge limit of water supply TDS concentration + 370 mg/L for the new treatment plant (until 6-1-94). The previous municipal effluent TDS discharge limit was water supply TDS concentration + 425 mg/L (after 6-1-94).

BACKGROUND

Study Background

In 1992, the Regional Board issued the Authority a revised Waste Discharge Requirement (WDR) Order No. 92-20 for the operation of the Gilroy-Morgan Hill WWTP. The WDR 92-20 required that the Authority implement Best Management Practices (BMP) for TDS reduction in the municipal effluent discharge. A Work Plan for the total dissolved solids BMP Study (dated April 14, 1993) was submitted to the Regional Board. A copy of the Work Plan is included in Appendix A. The scope of the April 1993 Work Plan is presented below.

- Literature Review
- TDS Source Monitoring
- Best Management Practice

The TDS study was completed and submitted to the Regional Board in July 1994. A copy of the July 1994 TDS Study is included in Appendix B. A summary of the findings/conclusions and recommendations of the study is presented below.

Findings and Conclusions. In summary, the study's findings stated that "... *the Authority currently meets the existing consumptive use TDS limit of 425 mg/L. However, it*

would be unlikely for the Authority to consistently meet the proposed Regional Board consumptive use TDS limit of 370 mg/L. Effluent treatment to reduce TDS would result in very significant costs to the Authority. Therefore, the Authority requests the Regional Board to consider maintaining the current consumptive use TDS limit of 425 mg/L."

A summary of the findings and conclusions from the July 1994 study is presented below.

- **Consumptive Use Limits.** Review of the Cities' of Gilroy and Morgan Hill water supply TDS and municipal wastewater influent TDS concentrations indicates that the average consumptive TDS (calculated from January 1992 to March 1994) for the WWTP service area is about 390 mg/L, which is below the current Regional Board consumptive use limit of 425 mg/L but above the proposed consumptive use limit of 370 mg/L. It is unlikely that the WWTP will be able to consistently meet the proposed consumptive use limit of 370 mg/L without further reductions in consumptive TDS loadings.

- **Groundwater TDS Concentration.** The review of the historical groundwater TDS concentrations (at the Authority's WWTP) indicated no distinct trend in increasing TDS concentration below the municipal WWTP percolation ponds. However, the groundwater monitoring wells in the vicinity of the food process percolation ponds demonstrate a noticeable increase in TDS concentrations.

- **Commercial and Industrial TDS Contributions.** The Authority's Chemical Control Division conducted a one-year random sewer sampling program at various locations in the Authority's service area to identify sources of highly concentrated TDS discharges to the Authority's WWTP. This program indicates that significant TDS loadings are contributed from a few facilities with discharges high in flow and/or TDS concentration. Commercial and industrial flows contribute a greater percentage of total TDS loading than they account for in flows to the WWTP. The majority of industries sampled presented a negligible TDS loading to the plant.

- **Food Process TDS Contributions.** The discharge of food process wastewater is a significant source of groundwater TDS increases. Comparison of the municipal and food process effluent land discharges indicates that the annual food process effluent flow is about 8 percent of the annual municipal effluent discharge. However, the annual food process TDS load (about 1,000 tons) is about 20 percent of the annual

municipal effluent TDS load (about 5,360 tons). Therefore, the FPWF effluent is a significant source of groundwater TDS.

- **Residential Water Softening Contributions.** Residential self-regenerative water softeners are a potential source of wastewater effluent TDS. Based upon discussions with water softener vendors in the Gilroy-Morgan Hill area, it is estimated that between 15 to 40 percent of Gilroy and Morgan Hill households use self-regenerative water softeners. However, the accuracy of this estimate can only be verified with further investigation. As a result, it is very difficult to speculate the TDS impact water softeners have on municipal effluent.

- **Water Softening Ordinances.** A brief review of water softener use ordinances indicated that the state and a few California communities have adopted ordinances related to the use of self-regenerating water softeners. For about thirty years, the Irvine Ranch has successfully implemented an ordinance that bans the use of self-regenerating water softeners. However, more recently, the City of Escondido has had difficulty in adopting ordinances banning water softeners. A court case (City of Escondido v. Pacific Water Quality Association) is in progress with respect to water softener use in individual homes. The outcome of this case may impact the effectiveness of these ordinances.

- **WWTP Survey.** A survey of thirty-one municipal WWTPs was conducted to compare the Authority's wastewater TDS data with other municipalities. The survey indicated that the Authority's consumptive TDS (about 390 mg/L) is within the range of typical values. Of the thirty-one WWTPs surveyed, only two had absolute effluent TDS limits imposed. The survey also indicated that other municipalities that land discharged their effluent did not have effluent TDS limits. The Authority's WWTP has an equal or lower consumptive TDS concentration than other Central Coast WWTPs with effluent land discharges.

TDS Study Response and Actions

In a letter dated September 6, 1994, the Regional Board concurred with the July 1994 report's findings and conclusions. However, the Regional Board indicated that prior to reversing the municipal effluent consumptive limit to 425 mg/L, the Authority would be required to conduct

an expanded TDS source investigation. The Regional Board requirements for the expanded study is presented below.

- Investigation of commercial, industrial and domestic TDS sources
- Develop and implement BMPs for significant sources
- Analyze monitoring data to determine if TDS reduction programs will result in compliance with the 370 mg/L consumptive limit.

A copy of the September 6, 1994, Regional Board letter is included in Appendix B. The Regional Board requested that the Authority submit a formal investigation proposal for the follow-up investigation. In addition, the Regional Board requested specifics of improving housekeeping at Gilroy Canning, a local tomato processing cannery.

In compliance with the Regional Board's September 6, 1994, letter, the Authority submitted a formal TDS investigation proposal in November 1994. A copy of the Authority's proposal is included in Appendix C. The TDS Investigation proposal was approved by the Regional Board in a letter dated November 16, 1994, a copy of which is also presented in Appendix C. This report presents the results of the work scope outlined in the Authority's November 1994 proposal.

REPORT ORGANIZATION

Chapter 1, Introduction, presents the study background. Chapter 2, TDS Investigation, presents a description of the monitoring program, service area description, and data analysis. Chapter 3 presents a discussion of Best Management Practices targeted at prominent TDS discharges along with a BMP implementation plan. Chapter 4 presents the findings and recommendations from this investigation.

ACKNOWLEDGMENT

The assistance of the City of Gilroy Chemical Control Division (CCD) with the field sampling effort for this TDS investigation is acknowledged. The following CCD staff were involved with this study: Nick Amper, Loida Osoteo, David Keshmiry, Ben Espiritu and Teri Davis.

ABBREVIATIONS

A list of commonly used abbreviations in this report is presented below.

Authority	-	South County Regional Wastewater Authority
BMP	-	Best Management Practices
CCD	-	Chemical Control Division
DIR	-	Demand initiated regeneration
FPWF	-	Food Processor Wastewater Facility
gpcd	-	gallons per capita per day
MG	-	million gallons
mg/L	-	milligrams per liter
mgd	-	million gallons per day
Regional Board	-	Regional Water Quality Control Board
SCRWA	-	South County Regional Wastewater Authority
TCR	-	Time clock regeneration
TDS	-	Total Dissolved Solids
tpd	-	tons per day
tpy	-	tons per year
WQA	-	Water Quality Association
WWTP	-	Wastewater Treatment Plant

Section 2

CHAPTER 2

TDS INVESTIGATION

This chapter presents a description of the service area, monitoring program, sample collection and data analysis. The data analysis reviews the impact of commercial, industrial, septage and residential TDS contribution on the overall municipal effluent TDS. Also included in this chapter is an analysis of the TDS discharge from tomato processing and the overall TDS impact to the groundwater basin.

DESCRIPTION OF TDS INVESTIGATION

This section presents a description of the service area and the monitoring program.

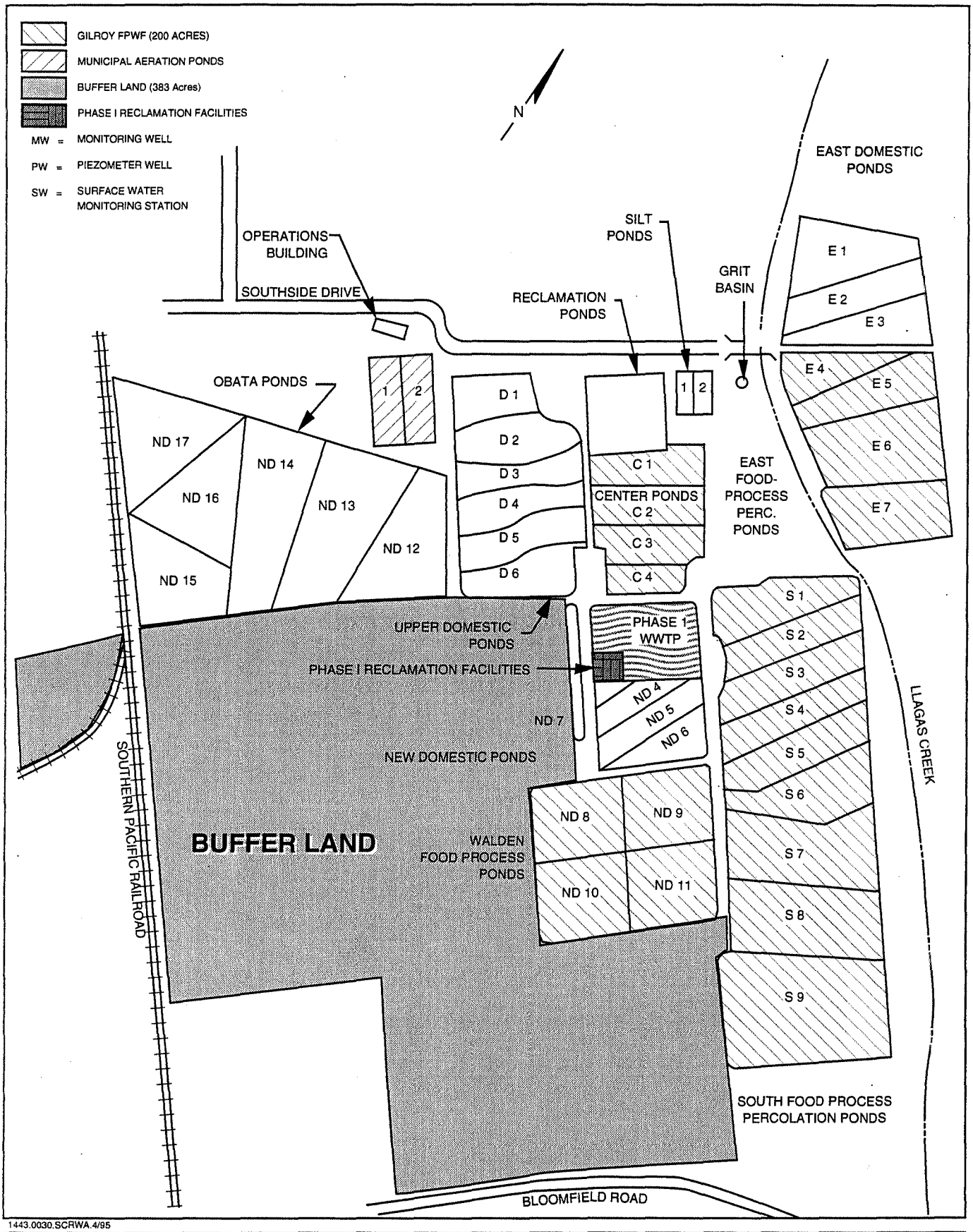
Gilroy-Morgan Hill WWTP Service-Area Description

The Authority provides municipal wastewater collection and treatment for the Cities of Gilroy and Morgan Hill. A site plan of the Authority's WWTP is presented in Figure 2-1. The City of Gilroy's Chemical Control Division (CCD), which oversees source control activities of commercial/industrial dischargers in the Gilroy/Morgan Hill area estimates that the residential wastewater contribution is about 80 percent of the WWTP flows; the remaining 20 percent of the WWTP flows are from commercial/industrial dischargers. The WWTP also receives trucked-in septage from local haulers in Santa Clara County.

Description of Monitoring Program

A description of the sampling locations and the field sampling procedure used in this investigation is presented below.

Sampling Locations. As outlined in the Work Plan, the primary scope of this investigation was to quantify commercial and industrial discharges to the Authority's WWTP. In addition, some residential sampling was included in the program to identify TDS contributions as a result of socio-economic differences in the community. The commercial and industrial dischargers were surveyed to identify water softener users, type of equipment used, method and frequency of regeneration, and volume of waste discharged to the sanitary sewer system. A detailed breakdown of the various sampling categories for both Gilroy and Morgan Hill is presented in



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SITE PLAN

South County Regional Wastewater Authority

FIGURE 2-1

Table 2-1. The various sampling locations in the Cities of Gilroy and Morgan Hill are presented in Figures 2-2 and 2-3, respectively.

Field Sampling. The City of Gilroy's CCD conducted the field monitoring of TDS discharges from commercial and industrial businesses, and selected residential areas in the Cities of Gilroy and Morgan Hill. One grab sample per month was collected from each facility between December 1994 and March 1995. TDS concentrations were monitored at end-of-pipe discharge points for commercial and industrial facilities and collection system trunk lines for specific residential areas. Grab samples were collected from septic tanker trucks prior to discharge at the Authority's treatment plant. A digital conductivity and TDS meter, similar to the one presented in Appendix C, was used in the sampling effort. The results of the TDS investigation are described in the following sections of this report.

Assumptions. A brief discussion of the assumptions used in this analysis is presented below.

- To provide a conservative estimate of the residential TDS concentration sampled during this TDS investigation, the residential TDS concentration is calculated as the consumptive TDS, calculated as the difference between the municipal effluent TDS concentration and the water supply TDS concentration.

- The residential flow is calculated as the difference between the WWTP's total municipal influent flow and the sum of the commercial, industrial and septic flows.

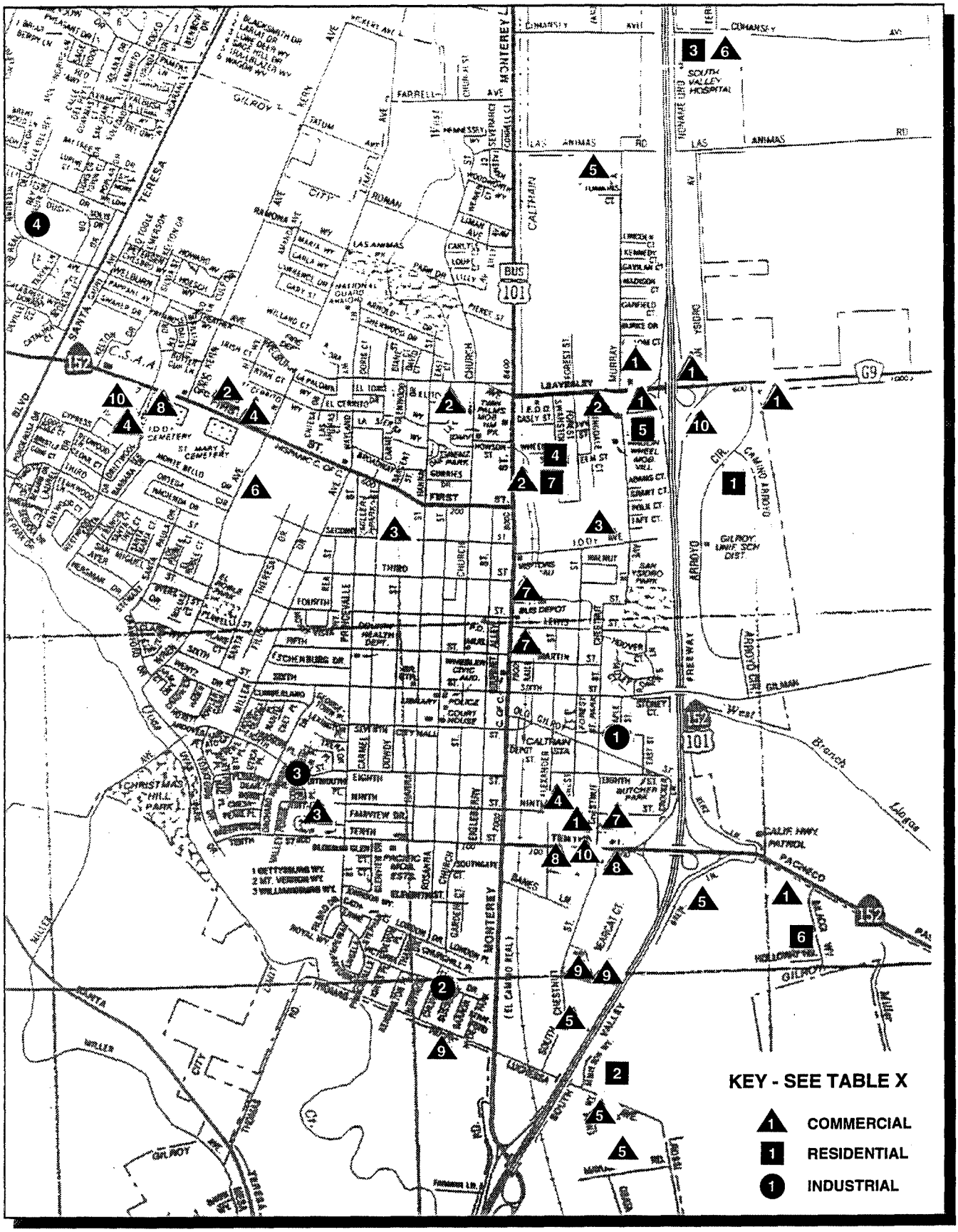
- The Gilroy CCD monitors a total of 359 permitted commercial/industrial dischargers to the Gilroy-Morgan Hill WWTP. Of which, about 180 businesses are restaurant and food service related. This investigation included 81 commercial establishments; of which, about 12 businesses were restaurants. Therefore, the commercial flows were estimated assuming the restaurant flow is 15 times the reported restaurant flow and the remaining commercial flow is two times the reported commercial flow. The industrial flow is calculated assuming the industrial flow is two times the reported industrial flow.

DATA ANALYSIS

This section presents a detailed analysis of the field sampling TDS data. A summary of the data collected during the TDS investigation is presented in Table 2-2. The raw data from the

TABLE 2-1
TDS MONITORING PROGRAM SAMPLING LOCATIONS
South County Regional Wastewater Authority

Group Number	Category	Gilroy	Morgan Hill	Service Area Total
Commercial Business Groups (10 Groups)				
1	Fast Food Restaurants	6	6	12
2	Car Washes	4	3	7
3	Schools	4	3	7
4	Laundromats	3	3	6
5	Light Industrial Parks	5	5	10
6	Medical/Dental Facilities	2	3	5
7	Bakeries	3	3	6
8	Supermarkets	3	3	6
9	Auto Dealerships/Body Shops	4	2	6
10	Shopping Centers	3	3	6
		37	34	71
Industrial (10 Facilities)				
1	Wiltron Inc. (Electronic Mfg.)	--	x	1
2	B.A.S. Inc. (Metal Finisher)	--	x	1
3	St. Louise Hospital	--	x	1
4	Dusan Inc. (Electronic Mfg.)	x	--	1
5	Gaylord Inc. (Container Mfg.)	x	--	1
6	South Valley Hospital	x	--	1
7	Germain Seeds (Ag Seed Mfg.)	x	--	1
8	Lohmar Inc. (Com/Ind Laundry)	x	--	1
9	Cintas Inc. (Com/Ind Laundry)	x	--	1
10	Servis-soft (Water softener)	x	--	1
		7	3	10
Residential Areas				
1	Peak Ave. & Claremont Dr.	--	x	1
2	Foothill Ct. & Del Monte Ave.	--	x	1
3	Edmundson Ave. & Church St.	--	x	1
4	Sorrel Way & Dunne Ave.	--	x	1
5	7th St. & Maple St.	x	--	1
6	Victoria Dr. & Sussex	x	--	1
7	La Allandra & Welburn Ave.	x	--	1
8	Delta Dr. & Welburn Ave.	x	--	1
		4	4	8
Septic Haulers				
1	Acme Septic	--	--	x
2	AJAX Septic	--	--	x
3	Al's Septic	--	--	x
4	Jim's Septic	--	--	x
5	Morton's Septic	--	--	x
		--	--	5



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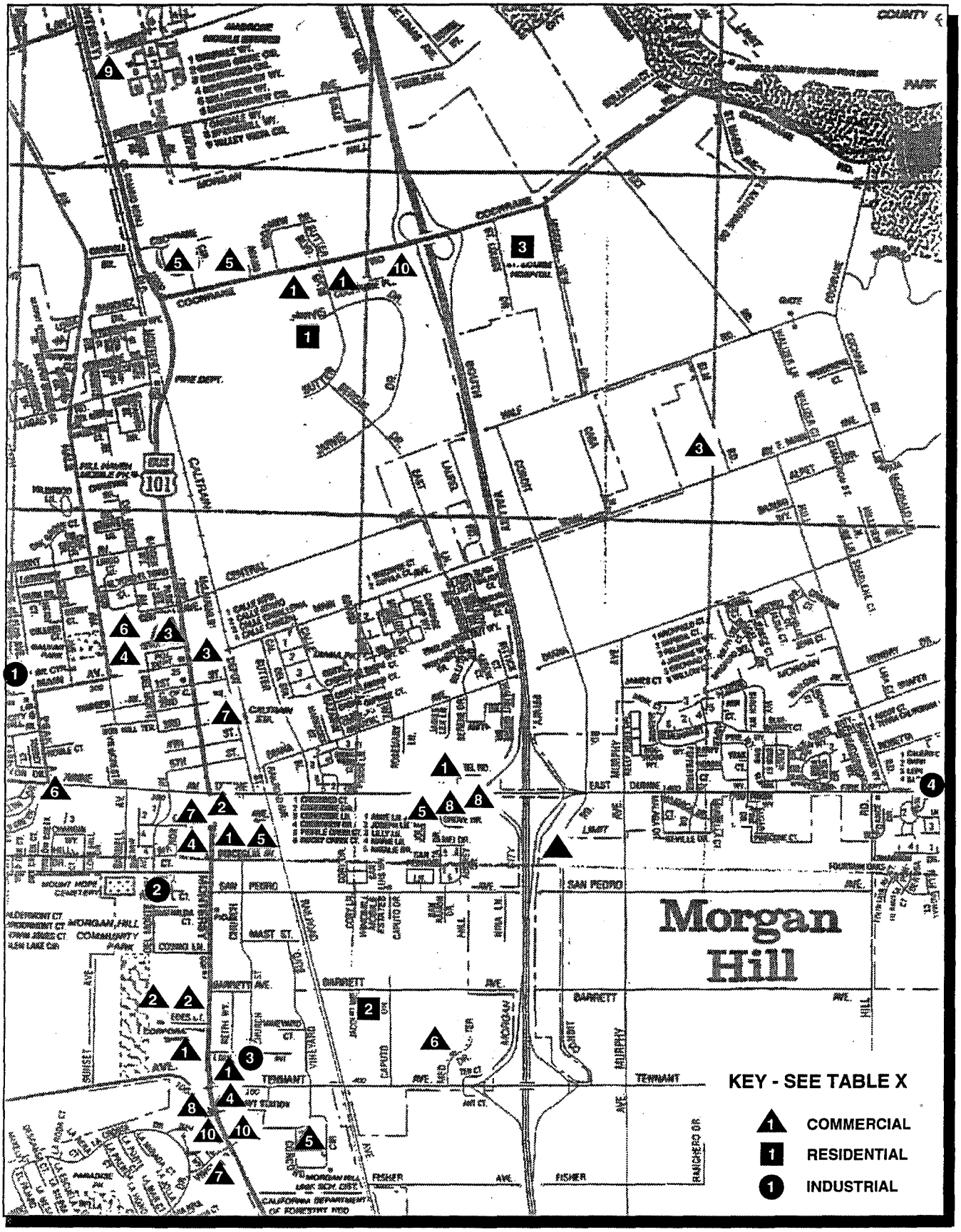
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

GILROY TDS SAMPLING LOCATIONS

FIGURE 2-2

MONTGOMERY WATSON



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SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

MORGAN HILL TDS SAMPLING LOCATIONS

FIGURE 2-3

MONTGOMERY WATSON

TABLE 2-2
TOTAL DISSOLVED SOLIDS SURVEY DATA SUMMARY
South County Regional Wastewater Authority

Facility Information					Water Softeners			Water Usage	Sample	TDS Sampling (c)													
										1992		1993		December 1994		January 1995		February 1995		March 1995		Average	
Number	Name	Address	Telephone	Business Type	Business Group (a)	Water Softener	Serviced	Regenerate On Site	gpd (avg)	Location (b)	Time	TDS, mg/L	Time	TDS, mg/L	Time	TDS, mg/L	Time	TDS, mg/L	Time	TDS, mg/L	Time	TDS, mg/L	TDS, mg/L
1	Burger King	450 Leavesley Rd., Gilroy, CA 95020	(408) 847 - 3993	Fast Food	G-C1	N	N	N	2,657	SB		N/A		N/A	12/19/94 10:30	450	1/18/95 14:00	640	2/23/95 16:00	630	3/25/95 14:20	470	548
2	Chevy's Restaurant	8440 Murray Ave., Gilroy, CA 95020	(408) 847 - 2726	Restaurant	G-C1	Y	N	Y	5,452	SB		N/A		N/A	12/13/94 15:00	1530	1/18/95 9:15	1600	2/27/95 15:25	800	3/27/95 9:45	1840	1443
3	Denny's Restaurant	8425 San Ysidro Ave., Gilroy, CA 95020	(408) 842 - 7678	Restaurant	G-C1	Y	N	Y	7,192	SB		N/A		N/A	12/13/94 15:45	1070	1/18/95 12:00	1435	2/27/95 0:00	480	3/27/95 9:15	310	824
4	Golden West Restaurant	840 Pacheco Pass Highway, Gilroy, CA 95020	(408) 842 - 6448	Restaurant	G-C1	Y	Y	N/A	4,186	SB		N/A		N/A	12/1/94 13:00	570	1/11/95 11:00	850	2/27/95 13:00	650	3/24/95 10:55	470	635
5	McDonalds	8390 Arroyo Circle, Gilroy, CA 95020	(408) 847 - 5446	Fast Food	G-C1	N	N	N	2,471	SB		N/A		N/A	12/20/94 10:00	450	1/19/95 8:30	780	2/28/95 11:00	650	3/25/95 14:45	580	618
6	McDonalds	6990 Chestnut St., Gilroy, CA 95020	(408) 842 - 7775	Fast Food	G-C1	N	N/A	N/A	2,164	SB		N/A		N/A	12/1/94 13:45	760	1/11/95 11:30	750	2/27/95 14:45	680	3/27/95 13:30	320	678
10	First St. Carwash	951 First St., Gilroy, CA 95020	(408) 847 - 9910	Car Wash	G-C2	N	N	N	1,408	SB		N/A		N/A	12/13/94 11:00	340	1/18/95 12:20	340	2/27/95 10:45	670	3/27/95 11:00	320	418
11	Michael Cain Car Wash	7040 Monterey Rd., Gilroy, CA 95020	(408) 847 - 1730	Car Wash	G-C2	N	N	N	1,096	SB		N/A		N/A	12/5/94 13:15	300	1/19/95 14:00	330	2/23/95 15:45	650	3/24/95 13:40	340	405
12	Shell Service Station	400 Leavesley Rd., Gilroy, CA 95020	(408) 842 - 5227	Service Station/Car Wash	G-C2	N	N	N	2,800	SB		N/A		N/A	12/5/94 14:00	310	1/18/95 13:30	350	2/27/95 16:00	380	3/22/95 14:05	200	285
13	Village Car Wash	8383 Church St., Gilroy, CA 95020	N/A	Car Wash	G-C2	N	N	N	1,170	SB		N/A		N/A	12/13/94 13:00	410	1/18/95 13:00	350	2/25/95 15:00	1000	3/27/95 10:10	440	550
14	Gavilan College	5055 Santa Theresa Blvd., Gilroy, CA 95020	(408) 847 - 1400	Jr. College	G-C3	N/A	N/A	N/A	N/A	SM		N/A		N/A	12/5/94 10:45	440	1/19/95 15:00	670	2/27/95 12:30	900	3/24/95 10:35	270	570
15	Gilroy High School	750 West Tenth St., Gilroy, CA 95020	(408) 847 - 2424	High School	G-C3	Y	Y	N	91,567	SM		N/A		N/A	12/5/94 10:15	390	1/20/95 9:45	670	2/28/95 10:15	510	3/27/95 6:00	130	425
16	Glenn View Elementary School	600 West Eighth St., Gilroy, CA 95020	(408) 842 - 8292	Elementary School	G-C3	N	N	N	11,482	SM		N/A		N/A	12/5/94 9:30	430	1/17/95 9:15	370	2/25/95 10:00	430	3/27/95 14:00	1300	633
17	South Valley Jr. High	240 Swanston Lane, Gilroy, CA 95020	(408) 847 - 3377	Schools	G-C3	N	N	N	1,424	SM		N/A		N/A	12/21/94 9:45	400	1/17/95 12:00	440	2/25/95 9:30	410	3/27/95 9:20	400	413
18	Launderland	343-E Tenth St. #F, Gilroy, CA 95020	(408) 842 - 1854	Laundromat	G-C4	N	N	N	10,359	SB		N/A		N/A	12/19/94 9:35	1400	1/20/95 9:15	660	2/27/95 13:15	640	3/27/95 14:45	300	750
19	Launderland	8050 Wren Ave, Gilroy, CA 95020	(408) 847 - 1030	Laundromat	G-C4	N	N	N	9,893	SB		N/A		N/A	12/13/94 12:15	1040	1/20/95 10:30	1200	2/28/95 12:00	700	3/27/95 11:00	290	808
20	Westwood Wash & Dry	7960-G Westwood Ave., Gilroy, CA 95020	(408) 847 - 5222	Laundromat	G-C4	N	N	Y	4,962	SB		N/A		N/A	12/1/94 15:15	1300	1/20/95 11:00	560	2/25/95 12:15	600	3/27/95 12:00	1290	938
21	Adams Ct. Light Industrial	Adams Ct./Sutter, Gilroy, CA 95020	N/A	Light Industrial	G-C5	N	N/A	N/A	N/A	SM		N/A		N/A	12/5/94 11:20	540	1/19/95 13:35	460	2/8/95 10:35	360	3/21/95 11:20	440	450
22	Industrial Commercials	6310 Chestnut St., Gilroy, CA 95020	N/A	Light Ind. & Shopping Center	G-C5	Y	Y	N	170	SM		N/A		N/A	12/1/94 10:10	480	1/17/95 10:00	390	2/28/95 8:45	380	3/23/95 13:55	420	418
23	Industrial Park	505 Mayock Rd., Gilroy, CA 95020	N/A	Industrial Park	G-C5	N	N/A	N/A	603	SM		N/A		N/A	12/1/94 9:30	270	1/18/95 10:00	330	2/27/95 12:45	440	3/23/95 14:10	610	413
24	Light Industrial Park	6600 Brem Lane, Gilroy, CA 95020	N/A	Machine Shops, Body Shops	G-C5	N	N/A	N/A	167	SM		N/A		N/A	12/1/94 11:30	300	1/17/95 11:15	520	2/27/95 1:15	520	3/24/95 11:00	360	533
25	Light Industrial Park	Eagle/Luchessa Ave, Gilroy, CA 95020	N/A	Industrial Park	G-C5	N	N/A	N/A	N/A	SM		N/A		N/A	12/1/94 13:30	560	1/17/95 10:30	550	2/27/95 12:45	560	3/23/95 14:00	330	500
26	Tompkins Ct.	8900 Murray Ave., Gilroy, CA 95020	N/A	Light Ind. Park	G-C5	N	N	N	N/A	SM		N/A		N/A	12/13/94 14:45	370	1/19/95 11:15	350	2/27/95 15:30	430	3/27/95 10:00	520	418
27	Gilroy Medical Park	7880 Wren Avenue, Gilroy, CA 95020	(408) 842 - 2320	Medical Complex	G-C6	N	N	N	12,025	TM		N/A		N/A	12/13/94 13:45	510	1/18/95 11:30	300	2/27/95 11:35	740	3/27/95 11:25	370	430
28	South Valley Medical Pavilion	9660 No Name UNO	N/A	Medical Office Complex	G-C6	N	N	N	N/A	TM		N/A		N/A	12/6/94 14:00	410	1/18/95 11:30	308	2/27/95 14:30	430	3/24/95 15:35	430	395
29	Azzian Bakery	7419 Monterey Rd., Gilroy, CA 95020	(408) 847 - 8242	Bakery	G-C7	N	N	N	247	SB		N/A		N/A	12/5/94 13:00	1500	1/19/95 11:45	1300	2/23/95 14:30	780	3/27/95 14:30	380	990
30	Pink Elephant #3	340E Tenth St., Gilroy, CA 95020	(408) 842 - 9168	Bakery	G-C7	N	N/A	N/A	N/A	SM		N/A		N/A	12/1/94 15:30	320	1/20/95 10:30	740	2/28/95 10:30	540	3/24/95 9:20	470	518
31	El Charito Market	7638 Monterey Rd., Gilroy, CA 95020	(408) 842 - 3659	Market	G-C8	N	N	N	441	SB		N/A		N/A	12/5/94 11:30	1500	1/19/95 1:30	1450	2/27/95 16:30	1610	3/25/95 13:15	570	1283
32	Lucky's	6906 Chestnut St., Gilroy, CA 95020	(408) 847 - 1062	Supermarket	G-C8	N	N/A	N/A	4,011	SM		N/A		N/A	12/1/94 14:30	840	1/17/95 14:00	560	2/27/95 12:45	840	3/24/95 0:00	N/A	580
33	PW Market	360 East Tenth, Gilroy, CA 95020	(408) 848 - 5277	Supermarket	G-C8	Y	N	Y	6,228	SB		N/A		N/A	12/19/94 9:15	400	1/11/95 12:00	670	2/27/95 13:00	850	3/24/95 9:00	370	573
34	Safeway Market	845 First St., Gilroy, CA 95020	(408) 842 - 0358	Supermarket	G-C8	N	N	N	551	SB		N/A		N/A	12/13/94 11:45	450	1/19/95 14:30	430	2/27/95 11:00	760	3/27/95 10:50	270	478
35	Bob Lynch Ford	6290 Monterey Rd., Gilroy, CA 95020	(408) 847 - 1111	Auto Dealer	G-C9	N/A	N/A	N/A	507	SB		N/A		N/A	12/5/94 11:00	200	1/17/95 14:00	200	2/27/95 11:45	320	3/24/95 9:30	100	205
36	Premiere Autobody	101 Leavesley Rd., Gilroy, CA 95020	(408) 848 - 3883	Autobody	G-C9	N	N	N	427	SB		N/A		N/A	12/5/94 13:45	260	1/18/95 14:30	260	2/27/95 16:15	350	3/27/95 10:05	260	283
37	South County Chrysler	6600 Chestnut St., Gilroy, CA 95020	(408) 842 - 8244	Auto Dealer	G-C9	N	N	N	1,521	TM		N/A		N/A	12/5/94 11:10	560	1/17/95 14:30	610	2/27/95 15:00	680	3/24/95 9:35	700	638
7	Hecker Pass Plaza	1280 First St., Gilroy, CA 95020	N/A	Shopping Center	G-C10	N	N	N	5,764	TM		N/A		N/A	12/13/94 10:15	440	1/11/95 12:45	730	2/27/95 10:30	360	3/27/95 11:15	480	503
8	K-Mart	Chestnut Ave, Gilroy, CA 95020	N/A	Shopping Center	G-C10	N	N/A	N/A	2,074	SM		N/A		N/A	12/1/94 14:45	300	1/17/95 9:45	312	2/25/95 8:30	530	3/23/95 13:45	420	391
9	Outlet Mall Phase III	8300 Camino Arroyo, Gilroy, CA 95020	(408) 842 - 3729	Shopping Centers	G-C10	Y	N	Y	4,027	SM		N/A		N/A	12/1/94 10:00	540	1/17/95 15:00	500	2/28/95 11:30	500	3/25/95 15:00	690	558
38	Dusan	8100 Arroyo Circle, Gilroy, CA 95020	(408) 848 - 5000	Metal Finishing	G-I1	N	N	N	2,028	TM	9/29/92	570	9/21/93	539	12/5/94 15:00	540	1/18/95 10:30	650	2/27/95 13:45	400	3/25/95 11:30	530	538
39	Gaylord Container Corp.	6400 Jaimeson Way, Gilroy, CA 95020	(408) 847 - 6400	Fiberboard Mfg.	G-I2	Y	N	Y	22,000	TM		N/A		N/A	12/13/94 9:30	1250	1/17/95 13:30	1000	2/27/95 12:30	900	3/24/95 9:45	1410	1140
40	South Valley Hospital	8400 No Name UNO, Gilroy, CA 95020	(408) 848 - 2000	Hospital	G-I3	N/A	N/A	N/A	19,345	TM		N/A		N/A	12/6/94 13:15	560	1/18/95 11:00	620	2/27/95 14:15	600	3/24/95 15:20	430	553
41	Seed Systems	8333 Swanston Lane, Gilroy, CA 95020	(408) 848 - 8120	Seed Coating Products	G-I4	N	N	N	1,085	SB	3/5/93	3,693	Apr-93	1953	12/19/94 15:30	280	1/18/95 11:00	310	2/28/95 11:45	640	3/25/95 13:45	420	1216
42	ServiSoft	8111 Swanston Lane, Gilroy, CA 95020	(408) 847 - 2277	Water Softener	G-I5	Y	N	Y	30	SB	N/A		2/1/93	3186	12/19/94 11:45	3400	1/18/95 16:00	1480	2/27/95 16:15	1910	3/25/95 14:00	750	2145
43	Cintas Corp.	904 Holloway Ave, Gilroy, CA 95020	(408) 848 - 1023	Comm. Laundry	G-I6	Y	N	Y	27,680	TM	12/23/92	1200	4/6/93	11,000	12/1/94 13:15	670	1/6/95 11:45	920	2/27/95 0:00	1050	3/25/95 11:15	440	2547
44	Lolmar	Gilroy	N/A	Comm. Laundry	G-I7	N/A	N/A	N/A	130,000	N/A	4/14/93	1400	6/10/93	1,430	N/A		N/A		N/A		N/A		1415
45	Residence	235 Victoria, Gilroy, CA 95020	N/A	Residential	G-R2	N	N	N/A	0	SM		N/A		N/A	9/19/94 10:30	520	1/17/95 10:15	325	2/25/95 9:00	460	3/25/95 10:00	940	561
46	Residence	753 Alandra/Welburn, Gilroy, CA 95020	N/A	Residential	G-R3	N	N	N	290	SM		N/A		N/A	9/19/94 11:30	440	1/17/95 10:30	350	2/25/95 9:45	430	3/27/95 10:20	400	405
47	Residence	Delta/Welburn, Gilroy, CA 95020	N/A	Residential	G-R4	N/A	N/A	N/A	N/A	N/A		N/A		N/A	9/19/94 10:00	440	1/17/95 10:45	410	2/27/95 10:15	390	3/27/95 10:35	400	410
48	Residence	575 Seventh, Gilroy, CA 95020	N/A	Residential	G-R5	N	N	N/A	N/A	SM		N/A		N/A	9/19/94 11:00	340	1/17/95 9:15	260	2/25/95 9:15	410	3/25/95 13:00	360	343
49	Burger King	16025 Monterey Rd., Morgan Hill, CA 95027	(408) 778 - 1439	Fast Food	M-C1	N	N/A	N/A	1,326	SB		N/A		N/A	12/27/94 11:05	340	1/18/95 14:10	380	2/8/95 15:10	440	3/21/95 13:00	420	395
50	Kentucky Fried Chicken	17050 Laurel Rd., Morgan Hill, CA 95027	(408) 779 - 7545	Restaurant	M-C1	N	N/A	N	1,805	SB		N/A		N/A	12/1/94 14:10	380	1/18/95	510	2/14/95 11:00	600	3/21/95 10:05	610	608
51	Marie Callender	18599 Sutter Blvd., Morgan Hill, CA 95027	(408) 778 - 7373	Restaurant	M-C1	Y	N	Y	7,189	SB		N/A		N/A	12/5/94 10:45	610	1/19/95 13:50	590	2/9/95 11:15	650	3/20/95 10:57	640	623
52	McDonalds	201 Vineyard Blvd., Morgan Hill, CA 95027	(408) 779 - 8182	Fast Food	M-C1	N	N	N	1,925	SB		N/A		N/A	1/3/95 10:00	1610	1/18/95 13:00	430	2/14/95 13:30	540	3/20/95 0:00	750	833
53	McDonalds	135 Cochrane Rd., Morgan Hill, CA 95027	(408) 779 - 0052	Fast Food	M-C1	N	N/A	N/A	3,979	SB		N/A		N/A	12/5/94 10:15	515	1/19/95 14:25	700	2/9/95 9:34	840	3/21/95 9:45	680	684
54	Sizzlers Restaurant	15900 Monterey Rd., Morgan Hill, CA 95027	(408) 779 - 8663	Fast Food	M-C1	N	N	N/A	2,219	SB		N/A		N/A	12/30/94 10:15	350	1/19/95 15:00	630	2/14/95 13:45	750	3/20/95 14:50	740	618
59	Corp Yard	105 Edeo, Morgan Hill, CA 95027	(408) 779 - 8322	Car Wash	M-C2	Y	Y	N	286	SB		N/A		N/A	12/6/94 13:30	340	1/18/95 15:00	240	2/8/95 15:00	210	3/21/95 14:45	230	255
60	Morgan Hill Car Wash	16225 Monterey Rd., Morgan Hill, CA 95027	(408) 779 - 5477	Car Wash	M-C2	Y	N/A	Y	6,167	SB		N/A		N/A	12/8/94 14:10	540	1/19/95 15:00	500	2/8/95 14:50	510	3/27/95 15:00	520	518
61	Town & Country Carwash	16940 Monterey, Morgan Hill, CA 95027	N/A	Carwash	M-C2	N	N/A	N/A	1,066	N/A		N/A		N/A	12/8/94 13:15	340	1/18/95 11:30	360	2/8/95 13:55	330	3/20/95 13:08	190	305
62	Britton School	Keystone & Del Monte, Morgan Hill, CA 95027	N/A	School	M-C3	N/A	N/A	N/A	N/A	SM		N/A		N/A	12/15/94 10:25	540	1/19/95 10:15	500	2/8/95 11:00	400	3/20/95 11:10	430	468
63	Central High School	17960 Monterey St., Morgan Hill, CA 95027	(408) 779 - 5244	School	M-C3	N	N	N	6,051	SM		N/A		N/A	1/3/95 11:00	910	1/19/95 11:00	620	2/8/95 11:30	540	3/20/95 11:30	650	680
64	Live Oak High School	1505 E Main Ave., Morgan Hill, CA 95027	(408) 779 - 5210	School	M-C3	N	N/A	N/A	9,311	SM		N/A		N/A	12/15/94 13:25	540	1/19/95 13:25	660	2/14/95 10:35	720	3/21/95 9:25	630	638
65	Launderland Coin-Op	220 Tennant, Morgan Hill, CA 95027	(408) 779 - 1487	Laundromat	M-C4	N	N/A	N/A	6,109	N/A		N/A		N/A	12/15/94 12:50	350	1/18/95 13:20	420	2/14/95 13:55	290	3/20/95 0:00	340	350
66	Nob Hill Coin-Op	209 W. Main St., Morgan Hill, CA 95027	(408) 778 - 3934	Laundromat	M-C4	N	N/A	N/A	7,635	N/A		N/A		N/A	12/27/94 10:20	310	1/19/95 10:25	360	2/8/95 13:30	530	3/20/95 11:40	390	398
67	Teddy Bear Wash & Dry	16905 Monterey Rd., Morgan Hill, CA 95027	(408) 683 - 8388	Laundromat	M-C4	N	N/A	N/A	4,973	N/A		N/A		N/A	12/8/94 10:55	660	1/19/95 12:00	330	2/8/95 14:35	320	3/20/95 13:45	2900	1053
68	Concord Circle	15850 Concord Circle, Morgan Hill, CA 95027	N/A	Light Industrial	M-C5	N	N/A	N/A	33,380	SM		N/A		N/A	12/15/94 12:50	630	1/18/95 13:00	840	N/A		3/23/95 10:20	510	660
69	Church & Biscaglia	Church & Biscaglia, Morgan Hill, CA 95027	N/A	Light Industry	M-C5	N	N/A	N/A	N/A	SM		N/A		N/A	12/8/94 13:05	360	1/18/95 11:15	330	2/15/95 14:35	300	3/20/95 14:08	720	428
70	Jaisen Way	16870 Jolsen Way, Morgan Hill, CA 95027	N/A	Light Industrial	M-C5	N	N/A	N/A	1,385	SM		N/A		N/A	12/15/94 13:55	310	1/18/95 10:00	280	2/14/95 11:20	290	3/21/95 10:30	290	293
71	Light Industrial	Cochrane Circle, Morgan Hill, CA 95027	N/A	Light Industrial	M-C5	N/A	N/A	N/A	N/A	SM		N/A		N/A	12/5/94 11:40	610	1/19/95 11:45	800	2/8/95 10:40	490	3/20/95 10:44	700	650
72	Evergreen Park	370 W. Dunne, Morgan Hill, CA 95027	(408) 779 - 7391	Medical Complex	M-C6	N/A	N/A	N/A	912	SM		N/A		N/A	12/8/94 10:20	1060	1/18/95 10:30	360	2/8/95 13:50	430	3/21/95 14:15	560	603
73	Good Samaritan Foundation	16130 Medical Center Dr., Morgan Hill, CA 95027	(408) 779 - 9992	Medical Center	M-C6	N	N/A	N/A	3,809	SM		N/A		N/A	12/8/94 14:25	450	1/19/95 10:50	380	2/14/95 14:20	360	3/20/95 15:40	350	380
74	Hale Medical	17705 Hale, Morgan Hill, CA 95027	N/A	Medical Center	M-C6	N	N/A	N/A	1,878	SM		N/A		N/A	12/5/94 14:15	450	1/19/95 10:30	540	2/8/95 13:20	400	3/21/95 11:30	450	460
75	La Morena	90 E 2nd Street, Morgan Hill, CA 95027	(408) 778 - 0344	Bakery	M-C7	Y	N/A	N/A	864	N/A		N/A		N/A	12/27/94 11:10	740	1/19/95 10:40	440	2/14/95 11:30	340	3/21/95 12:45	430	488
76	O'Henry's Donuts	500 Vineyard Town Center, Morgan Hill, CA 9502	(408) 778 - 5955	Bakery	M-C7	N	N/A	N/A	176	N/A		N/A		N/A	12/27/94 11:45	510	1/19/95 13:30	280	2/14/95 13:30	340	3/23/95 10:00	390	380
77	Pink Elephant	16915 Monterey, Morgan Hill, CA 95027	(408) 778 - 9388	Bakery	M-C7	N	N/A	N/A	807	N/A		N/A		N/A	12/8/94 11:30	350	1/18/95 11:45	410	2/8/95 14:15	370	3/20/95 14:45	550	420
78	Luckys	16955 Monterey Rd., Morgan Hill, CA 95027	(408) 779 - 1420	Supermarket	M-C8	Y	Y	N	1,711	N/A		N/A		N/A	12/8/94 11:45	340	1/18/95 11:45	470	2/8/95 14:00	610	3/20/95 14:50	520	485
79	Nob Hill	200 W. Main, Morgan Hill, CA 95027	(408) 842 - 3546	Supermarket	M-C8	Y	Y	N	N/A	N/A		N/A		N/A	12/27/94 10:45	320	1/19/95 9:45	370	N/A		3/20/95 11:52	540	410
80	Safeway	840 E. Dunne, Morgan Hill, CA 95027	(408) 776 - 8720	Supermarket	M-C8	Y	Y	N	10,136	TM		N/A		N/A	12/13/94 14:05	750	1/18/95 10:10	610	2/15/95 11:15	795	3/21/95 10:15	580	684
81	Chevrolet	19490 Monterey Rd., Morgan Hill, CA 95027	(408) 779 - 5547	Auto Dealer	M-C9	N	N/A	N/A	826	N/A		N/A		N/A	12/5/94 12:35	390	1/19/95 11:30	370	2/8/95 10:55	340	3/20/95 10:30	350	353
82	Don Gamel	16725 Condit Rd., Morgan Hill, CA 95027	(408) 779 - 8220	Auto Dealer	M-C9	N	N/A	N/A	4,400	TM		N/A		N/A	12/15/94 14:25	640	1/19/95 12:03	410	2/14/95 10:45	400	3/21/95 8:30	420	468
35	Cochrane Circle	Cochrane Rd., Morgan Hill, CA 95027	N/A	Shopping Center	M-C10	N	N/A	N/A	3,940	SM		N/A		N/A	12/8/94 10:30	480	1/19/95 14:15	730	2/9/95 9:40	460	3/21/95 9:50	530	550
56	Nob Hill	255 Main St., Morgan Hill, CA 95027	N/A	Shopping Center	M-C10	N	N/A	N/A	422	SM		N/A		N/A	12/5/94 14:00	320	1/19/95 9:30	310	2/8/95 13:05	320	3/21/95 11:15	330	320
57	Tennant Station	404 Tennant Rd., Morgan Hill, CA 95027	N/A	Shopping Center	M-C10	N/A	N/A	N/A	17,385	SM		N/A		N/A	12/15/94 11:35	390	1/8/95 12:45	370	2/14/95 13:25	480	3/23/95 10:15	530	443
58	Vineyard Town Center	Monterey St., Morgan Hill, CA 95027	N/A	Shopping Center	M-C10	N/A	N/A	N/A	27,653	SM		N/A		N/A	12/15/94 11:05	390	1/18/95 12:30	530	2/14/95 13:15	340	3/23/95 9:00	470	433
83	Wilton	490 Jarvis, Morgan Hill, CA 95027	(408) 778 - 2000	Electrical Mfg.	M-I1	Y	Y	N/A	52,261	SM	7/23/92	210	7/28/93	350	12/5/94 11:00	463	N/A		2/9/95 10:05	390	3/20/95 11:00	425	368
84	B.A.S. Sheetmetal Inc.	16170 Jacqueline Ct., Morgan Hill, CA 95027	(408) 779 - 5058	Metal Finishing	M-I2	N	N	N	5,161	TM		N/A		N/A	12/7/94 9:00	460	1/19/95 11:15	750	2/14/95 11:45	510	3/23/95 10:35	840	640
85	St. Louise Hospital	N/A	N/A	Hospital	M-I3	N/A	N/A	N/A	8,495	SM		N/A		N/A	12/15/94 13:35	330	1/19/95 13:30	390	2/14/95 10:20	480	3/21/95 9:20	340	385
86	Claremont & Peak	440 Claremont, Morgan Hill, CA 95027	N/A	Residence	M-R1	N	N/A	N/A	N/A	SM		N/A		N/A	12/5/94 14:28	510	1/19/95 10:00	630	2/8/95 13:15	420	3/21/95 1:10	430	498
87	Del Monte & Foothill	160 Foothill, Morgan Hill, CA 95027	N/A	Residence	M-R2	N/A	N/A	N/A	N/A	SM		N/A		N/A	12/8/94 12:50	350	1/19/95 15:30	260	2/8/95 14:20	320	3/21/95 14:30	260	298
88	Sorrel Way & Dunne	Dunne/Sorrel, Morgan Hill, CA 95027	N/A	Residential	M-R4	N	N/A	N/A	N/A	SM		N/A		N/A	12/15/94 13:05	335	1/19/95 12:10	390	2/14/95 10:05	450	3/21/95 8:40	400	394
89	Residence	200 Burnett Ave., Morgan Hill, CA 95027	N/A	Residence	M-R5	Y	Y	N/A	N/A	SM		N/A		N/A	12/30/94 13:00	540	1/19/95 11:30	510	2/9/95 11:00		3/20/95 10:31	340	463
90	Acme Septic	N/A	N/A	Septic Tank	Sep	N	N/A	N/A	126	N/A		N/A		N/A	12/16/94 14:30	5900	1/27/95 0:00	3820	N/A		N/A		4860
91	AJAX Septic	N/A	N/A	Septic Tank	Sep	N	N/A	N/A	150	N/A		N/A		N/A	N/A		1/6/95 15:40	8020	2/3/95 0:00	7840	3/24/95 14:00	5100	6987
92	Al's Septic	N/A	N/A	Septic Tank	Sep	N	N/A	N/A	224	N/A		N/A		N/A	12/21/94 7:20	1217	1/17/95 0:00	1890	N/A		N/A		1554
93	Jim's Septic	N/A	N/A	Septic Tank	Sep	N	N/A	N/A	435	N/A		N/A		N/A	12/8/94 9:28	719	1/17/95 0:00	794	2/27/95 0:00	606	3/14/95 12:25	7780	2475
94	Morton's Septic	N/A	N/A	Septic Tank	Sep	N/A	N/A	N/A	32	N/A		N/A		N/A	N/A		N/A		2/23/95 0:00	2553	N/A		2553
Average																648		694		662		661	761
Maximum																5900		8020		7840		7780	6987
Minimum																200		200		210		100	205

(a) G - Gilroy
M - Morgan Hill
C - Commercial
I - Industrial
R - Residential
Sep - Septic

C1 - Fast Food/Restaurants
C2 - Car Washes
C3 - Schools
C4 - Laundromats
C5 - Industrial (Light) Parks
C6 - Medical/Dental Complexes
C7 - Bakeries
C8 - Supermarkets
C9 - Auto Dealerships/Body Shops
C10 - Shopping Centers

(b) TM - Test Manhole
SB - Sample Box
SM - Sewer Manhole

(c) Samples in excess of Regional Board limit are shaded. Regional Board TDS limit is Water Supply TDS + 370 mg/L. Average water supply TDS concentration of 359 mg/L (1/88 - 3/95) is used for comparison.

field sampling are included in Appendix D. The TDS data from the investigation is summarized by facility category and community in Table 2-3. The wastewater flows for the various commercial/industrial facilities were estimated using the water supply billing records. Copies of the water supply records are also included in Appendix D. Adjustments were made to individual facilities' water supply records to reflect the expected wastewater flow based on engineering judgment. Flow data for the individual commercial/industrial facilities sampled is summarized in Table 2-4. The estimate of TDS mass loadings (for various categories such as commercial, industrial, etc.) in the municipal influent presented in Table 2-5 have been refined using the data collected in this investigation.

Municipal Effluent TDS

Sources of municipal effluent TDS discharges include commercial facilities, industrial discharges, residential and trucked-in septage. Based upon the investigation, it is estimated that about 5,480 tons of TDS are discharge to the municipal WWTP each year. A graphical summary of the TDS contributions from each category is presented in Figure 2-4. It appears that the ambient TDS present in the communities' groundwater supply is the largest contributor of TDS loadings in the municipal effluent, accounting for almost 50 percent of the TDS load observed in the municipal wastewater. The residential, commercial, and industrial activities contribute approximately 33, 6, and 11 percent of the total annual TDS load, respectively. It should be noted that these figures represent the consumptive use TDS resulting from the various residential, commercial and industrial activities. Septage facilities contribute less than one percent of the total annual TDS load.

A discussion of the TDS discharges from commercial, industrial, residential and septage sources TDS is presented below.

Commercial Facilities. As shown on Figure 2-5, the average TDS concentration of commercial facilities sampled varies between 400 to 720 mg/L. The average TDS concentration in the commercial category was about 560 mg/L. Review of the data indicates that three commercial categories exceeded the average TDS concentration and they are as follows:

- Fast food/restaurants
- Laundromats
- Supermarkets

TABLE 2-3

TDS SURVEY DATA SUMMARY BY FACILITY CATEGORY AND COMMUNITY
South County Regional Wastewater Authority

Group	Number of Facilities Sampled	Average TDS Concentration (mg/L)					
		Previous	December	January	February	March	Average
COMMERCIAL							
Fast Food/Restaurants							
Gilroy	6		805	1,009	648	667	782
Morgan Hill	6		689	540	637	640	626
Combined Average	12		747	775	643	653	704
Car Washes							
Gilroy	4		340	318	675	325	414
Morgan Hill	3		407	367	350	313	359
Combined Average	7		369	339	536	320	391
Schools							
Gilroy	4		415	538	563	525	510
Morgan Hill	3		663	593	553	570	595
Combined Average	7		521	561	559	544	546
Laundromats							
Gilroy	3		1,247	807	647	627	832
Morgan Hill	3		440	370	380	1,210	600
Combined Average	6		843	588	513	918	716
Light Industrial							
Gilroy	6		420	505	448	447	455
Morgan Hill	4		478	563	360	555	489
Combined Average	10		443	528	419	490	470
Medical/Dental Complexes							
Gilroy	2		360	304	585	400	412
Morgan Hill	3		653	427	397	447	481
Combined Average	5		536	378	472	428	453
Bakeries							
Gilroy	2		910	1,020	660	425	754
Morgan Hill	3		533	377	350	457	429
Combined Average	5		684	634	474	444	559
Supermarkets							
Gilroy	4		673	778	1,015	403	717
Morgan Hill	3		470	483	703	547	551
Combined Average	7		586	651	911	475	656
Auto Dealers/Shops							
Gilroy	3		340	357	450	353	375
Morgan Hill	2		515	390	370	385	415
Combined Average	5		410	370	418	366	391
Shopping Centers							
Gilroy	3		427	514	463	530	484
Morgan Hill	4		395	485	400	465	436
Combined Average	7		409	497	427	493	457
Gilroy	37		585	630	615	485	579
Morgan Hill	34		534	472	460	568	509
Combined Average	71		580	566	555	542	561
INDUSTRIAL							
Gilroy	6	2,775	1,117	830	917	663	1,260
Morgan Hill	3	280	418	570	460	535	453
Combined Average	9	2,321	884	765	764	621	1,071
RESIDENTIAL							
Gilroy	4		435	336	423	525	430
Morgan Hill	4		434	448	397	358	409
Total	8		434	392	411	441	420
Septic	5		2,612	3,631	3,666		3,303

(a) Facilities with average TDS concentrations in excess of 729 mg/L (RWQCB Limit = 370 mg/L + water supply)

TABLE 2-4

SUMMARY OF FLOW DATA
South County Regional Wastewater Authority

GROUP	Total Flow (gpd)		
	Gilroy	Morgan Hill	Combined Average
COMMERCIAL [a]			
Fast Food/Restaurants	24,120	18,440	42,570
Car Washes	6,470	7,230	13,710
Schools	7,480	15,360	22,850
Laundromats	25,210	18,720	43,930
Light Industrial	940	35,680	36,620
Medical/Dental Complexes	12,020	5,690	17,710
Bakeries	250	1,850	2,090
Supermarkets	11,230	1,710	12,940
Auto Dealers/Shops	2,450	5,230	7,680
Shopping Centers	11,870	49,400	61,260
Commercial Total	102,060	169,720	271,780
INDUSTRIAL [a]	202,170	65,920	268,080
SEPTAGE			970

(a) From water billing records for the various facilities. See Appendix D.

TABLE 2-5

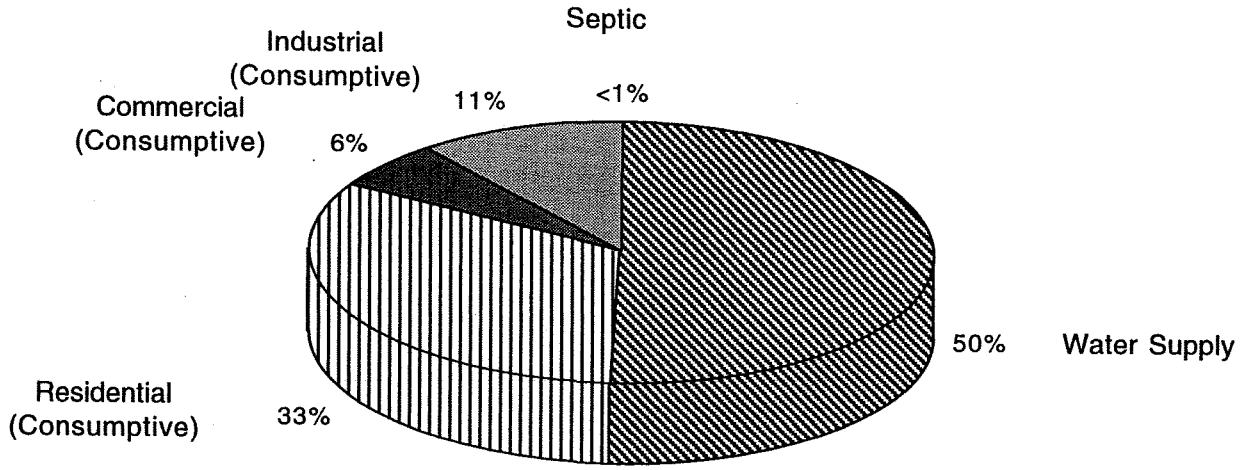
ESTIMATE OF TDS SOURCE CONTRIBUTIONS
South County Regional Wastewater Authority

TDS Receiving Environment	Average TDS Concentration (mg/L)	Flow (mgd)	TDS Loading (lb/day)	TDS Loading (ton/yr)
Municipal Effluent [a]	703	5.05	29,623	5,406
FPWF Effluent (3 months/year) [b]	1388	1.48	17,125	781
FPWF Water Supply	359	1.48	4,430	202
Water Supply [a]	359	5.05	15,137	2,763
Residential (Consumptive) [c]	344	3.44	9,863	1,800
Commercial (Consumptive) [d]	202	1.08	1,811	330
Industrial (Consumptive) [e]	712	0.54	3,183	581
Septic [f]	3,303	0.00	30	5
Total Annual TDS Load Applied to Land				6,463

(a) Municipal effluent and water supply TDS concentration and flow is averaged for 1994.
(b) FPWF TDS concentration represents the additional increases to the food process water supply TDS.
(c) Residential flow is estimated as the difference between the municipal flow and commercial, industrial and septage flows. Residential TDS concentration is the consumptive portion.
(d) The commercial flow is estimated assuming the restaurant flow is 15 times the sampled restaurant flow and the remaining commercial flow is two times the sampled commercial flow. Commercial TDS concentration is the consumptive portion.
(e) Industrial flow is estimated to be two times the sampled industrial flows. Industrial TDS concentration is the consumptive portion.
(f) Septic flow is estimated to be 110 percent of the reported septage flows.

FIGURE 2-4

MUNICIPAL EFFLUENT TDS LOADING
South County Regional Wastewater Authority



Annual Municipal TDS Load = 5,479 tons/year

TDSSourceWS Chart 4 TDSSourceWS Chart 4
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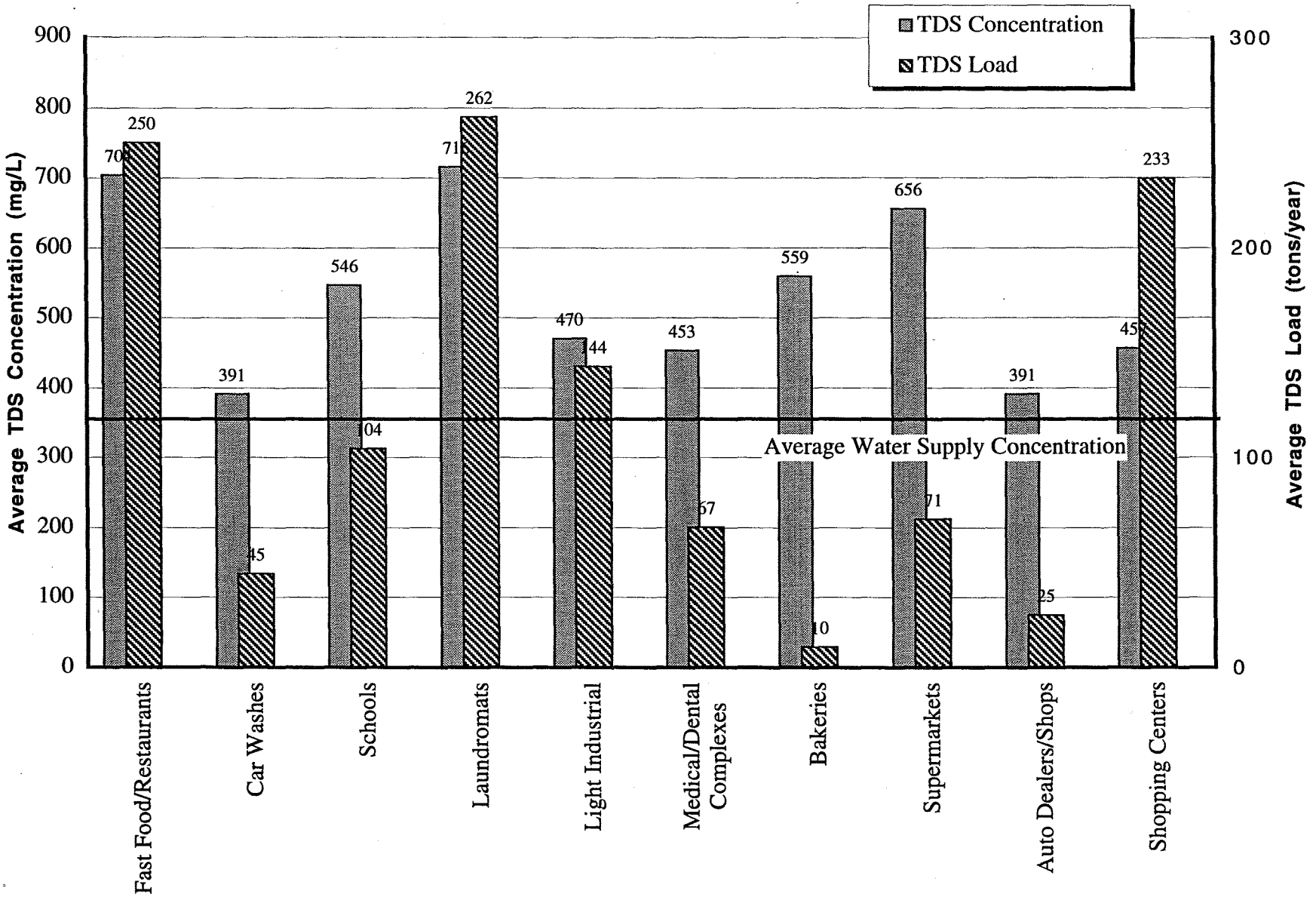

FIGURE 2-5

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SUMMARY OF COMMERCIAL DISCHARGERS TDS CONCENTRATIONS AND LOADINGS
South County Regional Wastewater Authority

It should be noted that using the concentration-based approach for targeting prominent TDS discharges may not account for the TDS impacts of water conservation. A literature review on the laundry and food processing industry indicated that there is a strong emphasis on improved water use and conservation (DWR Bulletin, 1989). As a direct result of such measures, TDS concentrations tend to increase in the discharges. Therefore, to improve the accuracy of this analysis, a mass-based approach is used in this analysis.

The average commercial TDS mass loads are also presented in Figure 2-5. This indicates that commercial facilities, such as bakeries and auto dealers, do not have as large TDS mass impacts as is indicated by their average TDS concentration. Based on the TDS mass loads presented in Figure 2-5, fast food/restaurants, laundromats, light industrial, and shopping centers have the greatest impact on TDS loads. Shopping centers collectively represent flows from restaurants, laundromats, supermarkets, etc. The flow data for the individual businesses in the shopping centers was not available. In addition, the flow data for schools was reduced to account for the irrigation use of the water supply (Montgomery Watson, February 1995). The range of TDS concentrations sampled during the four month study is presented in Table 2-6. A graphical illustration of the data (by commercial category) is presented in Figure 2-6. TDS concentrations from the various commercial discharges were analyzed over the time of the investigation to identify any temporal or seasonal variations. The data showed no discernible trends over the four-month duration of the study.

Industrial. Industrial categories included electronic manufacturing, metal finisher, container manufacturing, commercial laundry, water softening, seed coat processing and hospitals. The data collected from the various industrial facilities is summarized in Table 2-7. Industrial TDS concentrations and mass loads are presented in Figure 2-7. As shown in Figure 2-7, four of the ten industrial facilities had relatively high TDS concentration discharges.

Based upon a mass TDS loading approach, it is apparent that the commercial laundries have a significant TDS load. Review of the mass TDS loads from the fiberboard manufacturing seed coat manufacturing and water softener facility indicate relatively small TDS loads to the municipal effluent. It should be noted that the mass loadings were determined using the respective City's water billing records. It is possible that the fiberboard manufacturing and the seed coat manufacturing facilities supplement the City water with on-site wells. In this case, the overall mass loading could be significantly higher. Therefore, both these facilities are targeted as prominent TDS discharges. Accurate flow data was unavailable for Servisoft, the

TABLE 2-6

TDS CONCENTRATION RANGE
South County Regional Wastewater Authority

Group	TDS Concentration (mg/L)		
	Average	Minimum	Maximum
COMMERCIAL			
Fast Food/Restaurants			
Gilroy	782	450	1,600
Morgan Hill	626	340	1,610
Combined Average	704	340	1,610
Car Washes			
Gilroy	414	340	670
Morgan Hill	359	310	730
Combined Average	391	310	730
Schools			
Gilroy	510	250	1,000
Morgan Hill	595	210	540
Combined Average	546	210	1,000
Laundromats			
Gilroy	832	130	1,400
Morgan Hill	600	190	910
Combined Average	716	130	1,400
Light Industrial			
Gilroy	455	270	1,300
Morgan Hill	489	290	720
Combined Average	470	270	1,300
Medical/Dental Complexes			
Gilroy	412	300	740
Morgan Hill	481	280	840
Combined Average	453	280	840
Bakeries			
Gilroy	754	308	1,500
Morgan Hill	429	360	1,060
Combined Average	559	308	1,500
Supermarkets			
Gilroy	717	320	1,610
Morgan Hill	551	280	740
Combined Average	656	280	1,610
Auto Dealers/Shops			
Gilroy	375	200	760
Morgan Hill	415	340	610
Combined Average	391	200	760
Shopping Centers			
Gilroy	484	300	1,250
Morgan Hill	436	320	795
Combined Average	457	300	1,250
Gilroy	579	200	1,610
Morgan Hill	509	210	1,610
Combined Average	561	200	1,610
INDUSTRIAL			
Gilroy	1,260	280	3,400
Morgan Hill	453	330	750
Combined Average	1,071	280	3,400
RESIDENTIAL			
Gilroy	430	260	940
Morgan Hill	409	260	630
Total	420	260	940
Septic	3,303	606	8,020

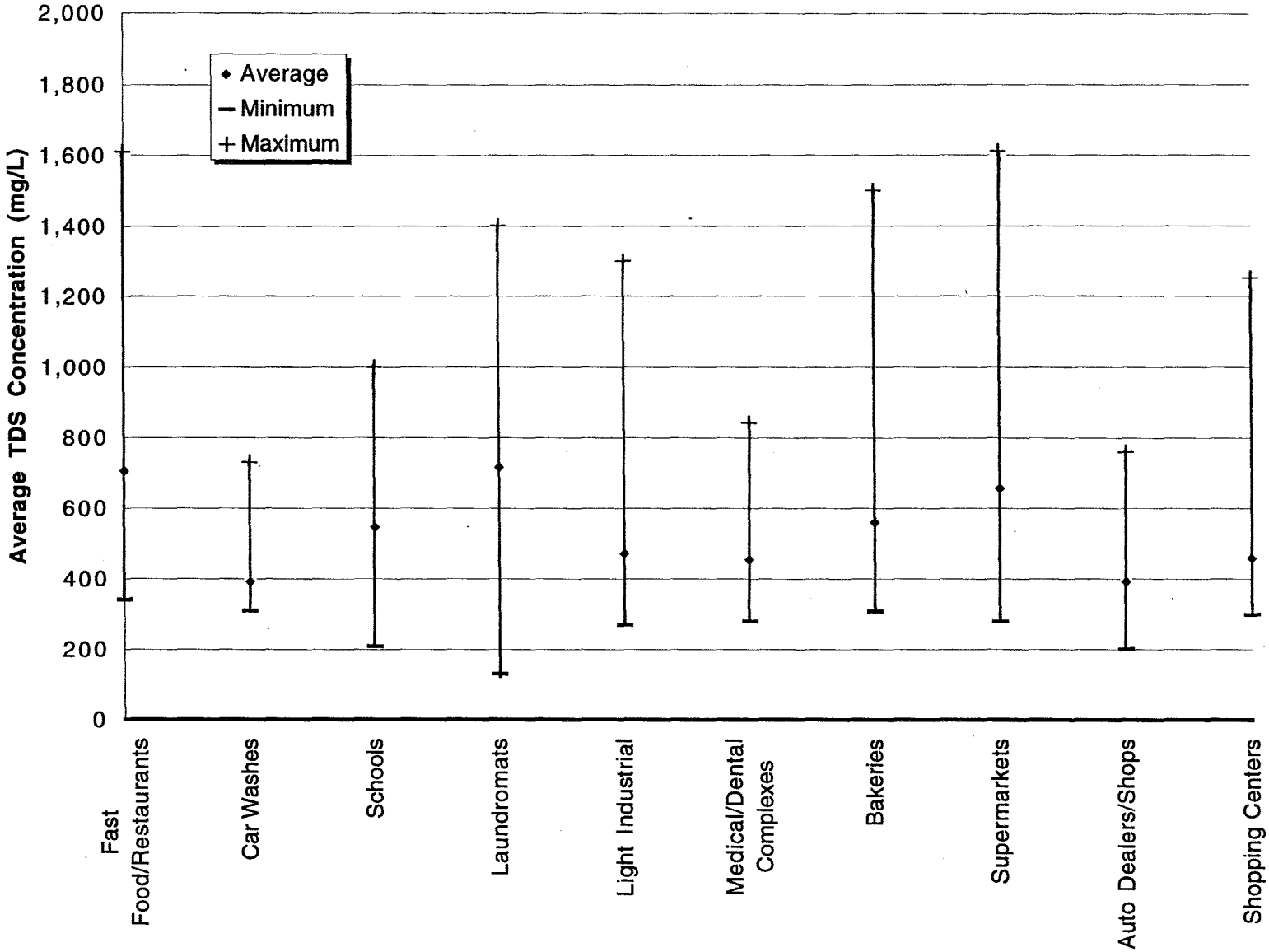

FIGURE 2-6

SUMMARY OF TDS CONCENTRATION RANGE BY COMMERCIAL CATEGORY
South County Regional Wastewater Authority

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TABLE 2-7

SUMMARY OF INDUSTRIAL TDS CONCENTRATIONS
South County Regional Wastewater Authority

	Industry	Industry Type	Location	TDS Concentration, (mg/L)						Average Flow	Average TDS Load
				Previous	December	January	February	March	Average	(gpd)	(lb/d)
83	Wiltron	Electrical Mfg.	Morgan Hill	280	463	N/A	390	425	389	52,261	170
85	St. Louise Hospital	Hospital	Morgan Hill	N/A	330	390	480	340	385	8,495	27
38	Dusan	Metal Finishing	Gilroy	555	540	650	400	530	535	2,028	9
84	B.A.S. Sheetmetal Inc.	Metal Finishing	Morgan Hill	N/A	460	750	510	840	640	5,161	28
40	South Valley Hospital	Hospital	Gilroy	N/A	560	620	600	430	553	19,345	89
41	Seed Systems	Seed Coating Products	Gilroy	2,823	280	310	640	420	895	1,085	8
39	Gaylord Container Corp.	Fiberboard Mfg.	Gilroy	N/A	1,250	1,000	900	1,410	1,140	22,000	209
44	Lohmar	Commercial Laundry	Gilroy	1,415	N/A	N/A	N/A	300	858	130,000	930
43	Cintas Corp.	Comm. Laundry	Gilroy	6,100	670	920	1,050	440	1,836	27,680	424
42	ServiSoft	Water Softener	Gilroy	3,186	3,400	1,480	1,910	750	2,145	30	1

(a) Percent exceedence with current Regional Board Limit (water supply + 370mg/L) during TDS Investigation.

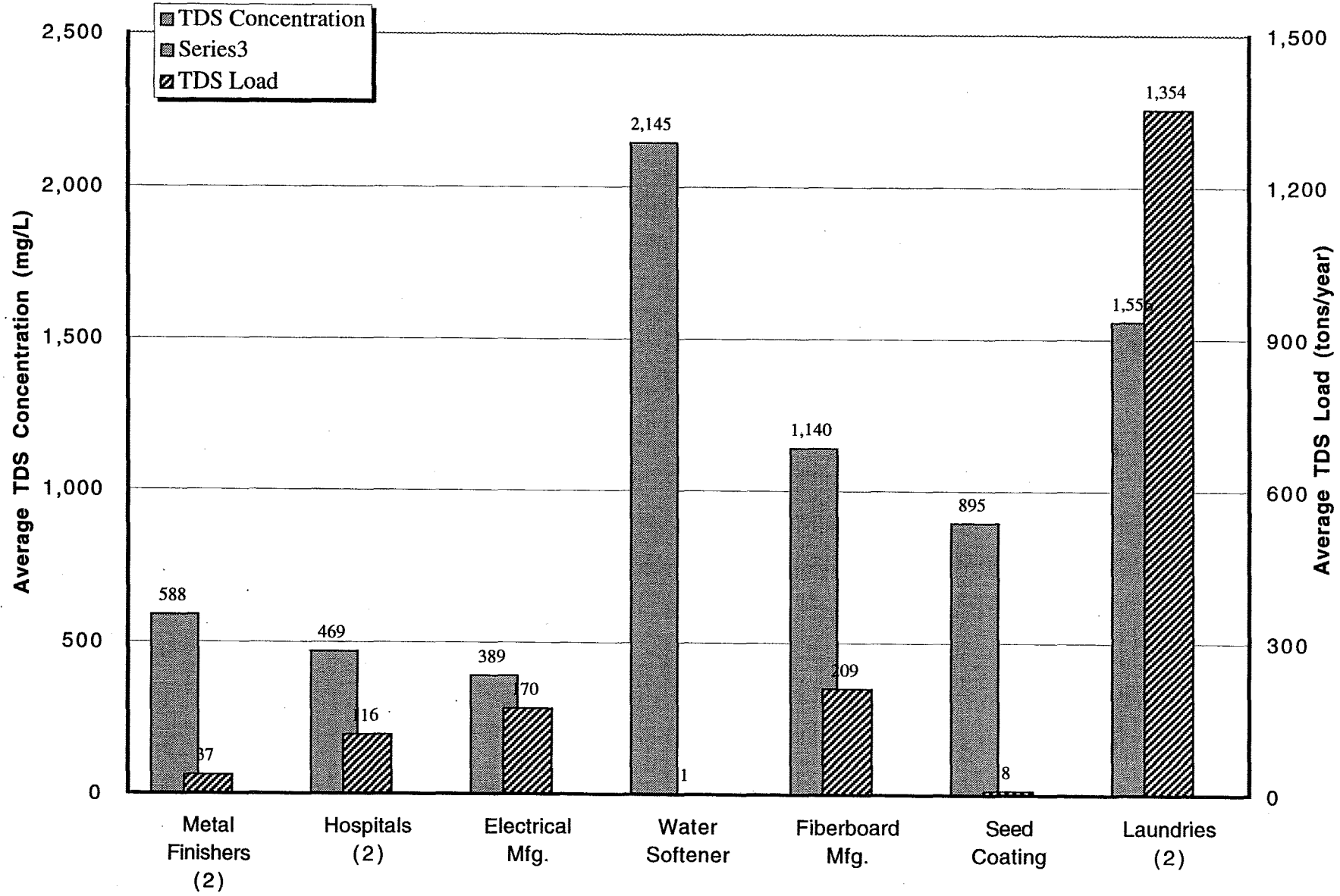

FIGURE 2-7

SUMMARY OF INDUSTRIAL TDS CONCENTRATIONS AND LOADINGS
South County Regional Wastewater Authority

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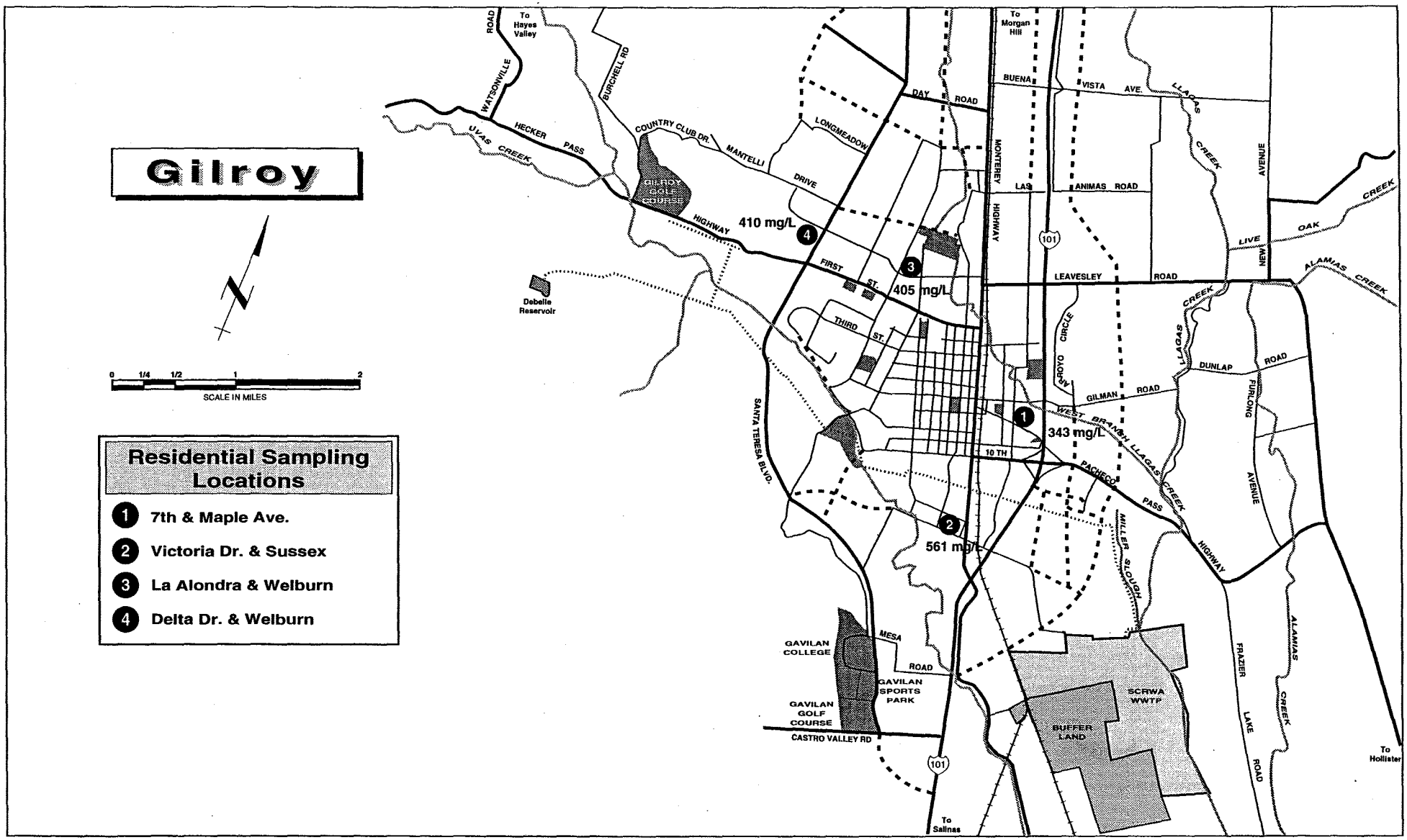
water softening facility. However, based upon the type of operation, this facility is also included to the list of prominent TDS dischargers. The targeted facilities are candidates for TDS reduction BMPs.

Residential. Activities that contribute to residential TDS discharges include cooking, cleaning, garbage grinders, dish washing, bathroom cleaning, bathing, toilets, swimming pools, and self-regenerative water softeners. It was speculated that wealthier neighborhoods had higher TDS contributions as a result of discharges from swimming pools, self-regenerative water softeners, etc. Hence, this effort was limited to trunk sewer sampling that represented several residences. It should be recognized that the flows could also be impacted by infiltration/inflows to the sewer as this investigation was conducted between the winter months of December 1994 through March 1995. This study did not monitor individual households.

The residential samples had an average TDS concentration of 420 mg/L. This data indicates that the consumptive contribution from residential activities is about 60 mg/L. Based upon the various activities that contribute to residential TDS discharges, it appears that the residential consumptive estimate may be low. In any case, the data does not appear to be conclusive regarding socio-economic differences within the service-area. The locations of the trunk sampling for the City of Gilroy is presented in Figure 2-8 and for the City of Morgan-Hill is presented in Figure 2-9. Further investigation, such as improved characterization of the flow stream, is required to improve the accuracy of this analysis.

As indicated earlier, there are several household activities such as bathing, cooking, cleaning, laundry, dishwashing, swimming pools, water softeners, etc., that contribute to residential TDS discharges. Since self-regenerating water softeners were speculated to be a potentially significant source of residential TDS discharges, this analysis aims to quantify the TDS contributions from self-regenerating water softeners. Based upon informal discussions with water softener vendors, it is estimated that about 15 percent of the households in the Gilroy/Morgan Hill service-area use self-regenerating water softeners to treat their entire household water supply. Other estimates have indicated that the water softener use may be as high as 40 percent. An accurate determination of residential water softener use and softener type is extremely difficult. It should also be noted that some of the residents use non-self-regenerating water softeners and others may consume bottled water for their drinking needs.

A review of water softener literature and discussions with the Water Quality Association (WQA) indicated that there are essentially two types of self-regenerating water softeners and



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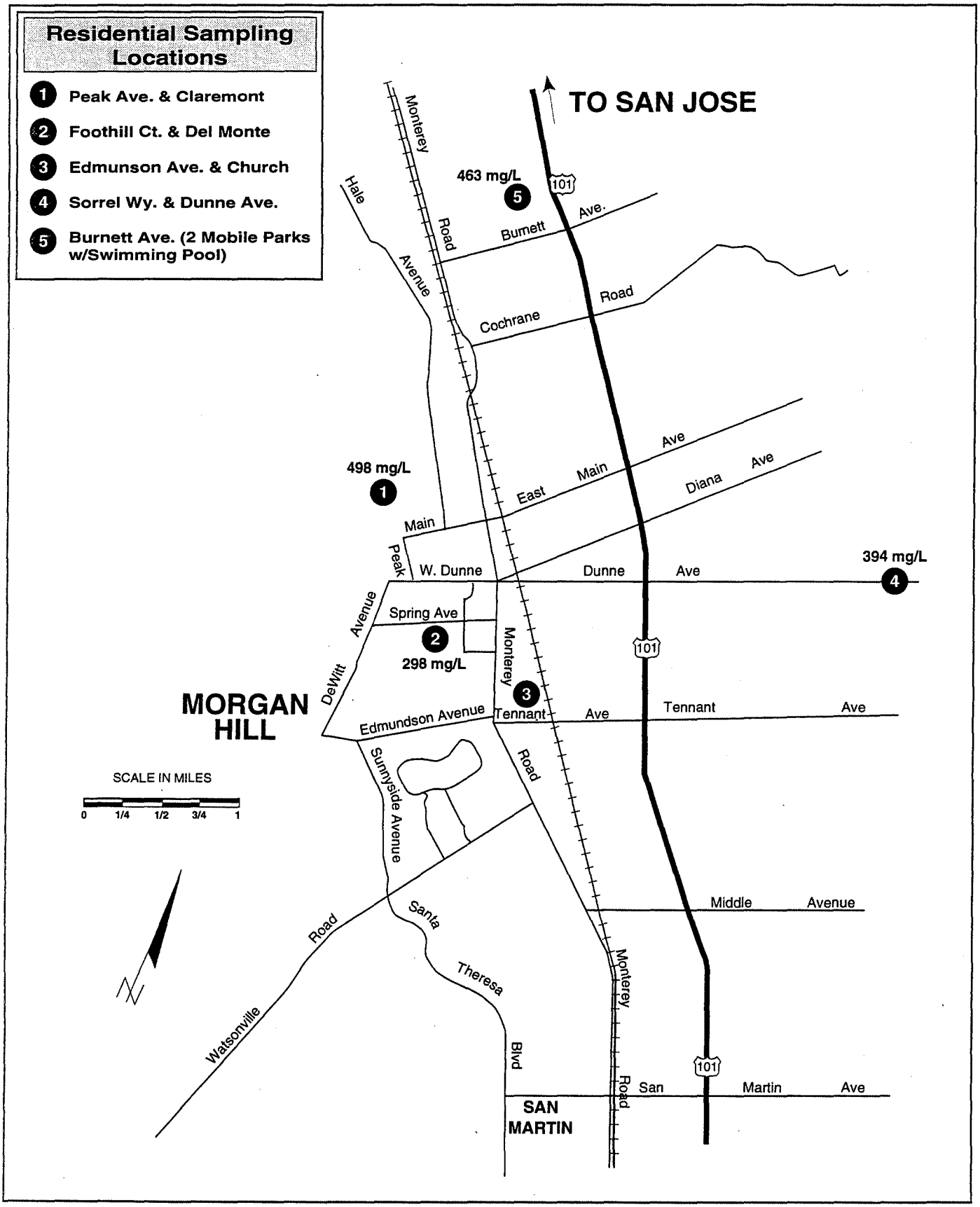
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

LOCATION OF RESIDENTIAL SAMPLING LOCATIONS IN GILROY

FIGURE 2-8

MONTGOMERY WATSON



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SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

LOCATION OF RESIDENTIAL SAMPLING LOCATIONS IN MORGAN HILL

FIGURE 2-9

MONTGOMERY WATSON

they are: (i) Time clock regeneration (TCR) and (ii) Demand initiated regeneration (DIR). The TCR softener has a timer that tells the unit when to regenerate with the period between regeneration varying from 48 hours to as long as one week. The DIR softener, however, regenerates based upon actual need. This can be accomplished a number of ways; one is to continuously measure the amount of water that has passed through the ion-exchange resin, with regeneration set to occur when a pre-determined quantity of water has been softened, while another utilizes a hardness sensor that continually monitors the level of calcium and magnesium in the product water. The annual salt use in the DIR units is significantly lower than the TCR units and can be as low as 50 percent of TCR units (Water Quality Association, 1991). In general, all types of self-regenerating water softeners are required by California law to achieve a salt efficiency rating of no less than 2850 grains of hardness removed per pound of salt used in regeneration. Discussions with a regional supplier of home water softeners indicated that the salt efficiency rating of the commercial units exceeded the State criteria of 2850 grains of hardness removed per pound of salt used. A brochure of a commercially available self-regenerating water softener is included in Appendix E.

In 1993, the service area population was about 58,398 people with a population density of 3.31 per household (Montgomery Watson, November 1993). Using the assumption that 15 percent of the residential population has self-regenerative water softeners, the total number of residential self-regenerating water softeners used in the Gilroy/Morgan Hill area is estimated at about 2,650 units. Since the residential TDS data from this investigation was low, a conservative assumption of residential TDS concentration of 344 mg/L was used in this analysis, calculated as the difference between the average WWTP influent TDS and the water supply TDS concentration. The annual salt consumption for water softeners is dependent upon the initial and desired hardness of the drinking water.

Table 2-8 and Figure 2-10 present the estimate of the breakdown of residential TDS load. Using the data presented in Table 2-5, an annual residential TDS load of 1,800 tons is estimated. The Gilroy/Morgan Hill drinking water supply has a relatively high hardness of about 220 mg/L (as CaCO3). It is assumed that the treated water hardness is about 60 mg/L (as CaCO3). Literature review indicates that the average frequency of generation is about once every .4 to 6 days. Approximately, 50 gallons of water and 5.5 to 7 pounds of salt are consumed during a typical regeneration cycle. This translates to an annual salt consumption for a self-regenerating water softener of about 500 pounds (Utah Study). Using this assumption, the total TDS contribution (from residential self-regenerating water softeners) to the

TABLE 2-8

ESTIMATE OF RESIDENTIAL TDS LOAD
South County Regional Wastewater Authority

	Parameter	Units	Value
1	Municipal Effluent (a)	mg/L	703
2	Water Supply (a)	mg/L	359
3	Residential (consumptive) (b)	mg/L	344
4	Total Municipal Flow	mgd	5.05
5	Residential Flow	mgd	3.44
6	Total Residential Salt Load (c)	lb/d	9,863
7	Annual Residential TDS Load	tons/year	1,800
8	Percentage of Softeners		15%
9	Unit Water Softener Load	tons/year/softener	0.25
10	Number of People Per Household (d)	people/household	3.31
11	1993 Service Area Population (d)	people	58,398
12	Annual Water Softener TDS Load (e)	tons/year	662
19	Percent of Residential TDS Load Due to Softeners (f)		37%

(a) Average value for 1994.
(b) [1] - [2]
(c) [3] * [5] * 8.34
(d) Phase II Predesign Report, Montgomery Watson, November 1993
(e) [9] * [8] * [11] / [10]
(f) [12] / [7] * 100

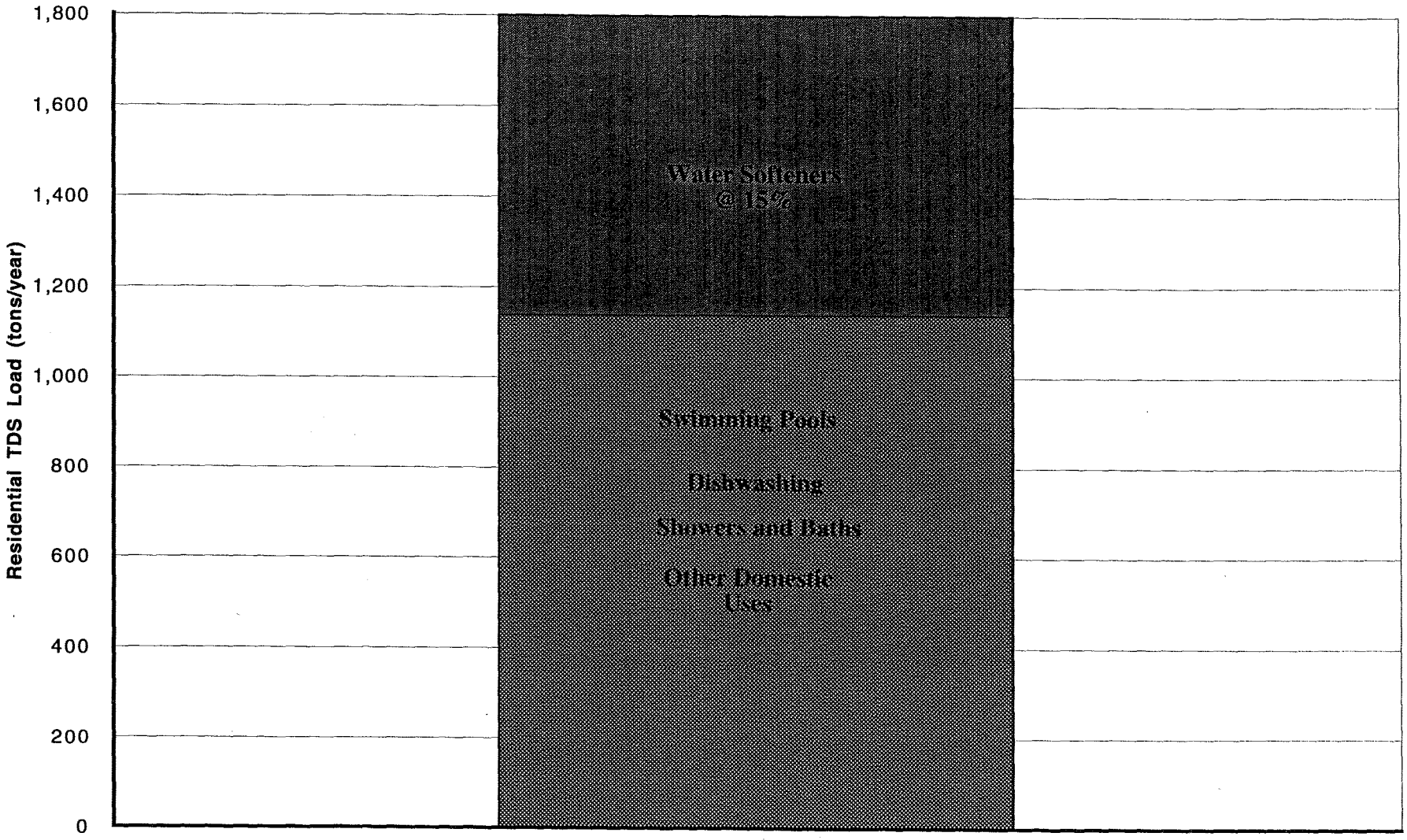

FIGURE 2-10

BREAKDOWN OF RESIDENTIAL TDS LOAD
South County Regional Wastewater Authority

Residential Component Chart 1
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Gilroy/Morgan-Hill WWTP is estimated at 663 tons per year, equivalent to about 13 percent of the total municipal TDS load.

now about 115,000 gal/mo (6-00)

Septage. There are about six to eight septage haulers that haul septage waste to the Gilroy/Morgan Hill WWTP. Based upon historical records, the annual septage flows to the Gilroy/Morgan Hill WWTP range between 320,000 gallons and 390,000 gallons. The septage haulers collect portable toilet wastes and septic tank cleanings from various locations in Santa Clara County. Since wastes are collected from various locations, the TDS concentrations from each truck is expected to differ significantly from each other. In general, septage received at the WWTP were observed to be the highest TDS concentration discharges to the Authority's treatment plant. The average septage TDS concentration sampled during the four month study was 3,370 mg/L. While the TDS concentration in the septage was relatively high, the mass loadings to the WWTP was <1 percent of the overall mass contributions to the WWTP. It should be noted that at this time the septage is discharged directly onto a storage/drying pond. However, with the commencement of the Phase I WWTP operations, trucked in septage will be discharged to the treatment plant headworks. For the purpose of this analysis it was assumed that septage is included with the municipal wastewater stream.

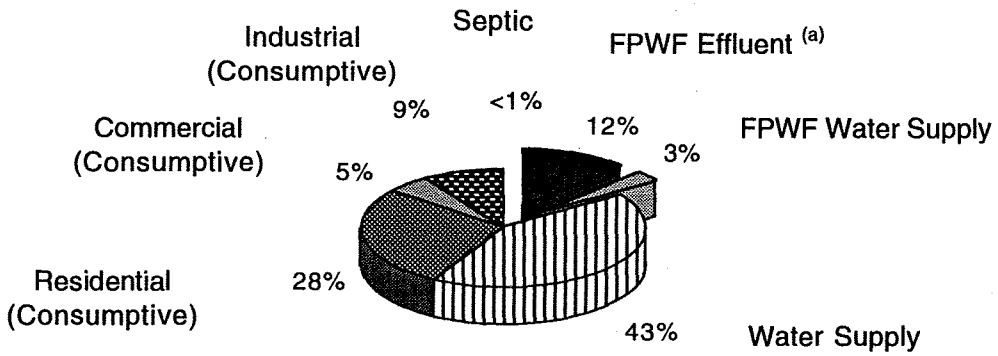
Food Process Wastewater Facility

In addition to the municipal effluent TDS contributions, additional TDS loadings are contributed from the Gilroy Food Processor Wastewater Facility (FPWF). The FPWF consists of 197 acres of percolation ponds adjacent the Authority's municipal percolation ponds. The FPWF provides wastewater treatment and disposal of tomato process wastewater from a local cannery, Gilroy Canning. The FPWF is operated seasonally between June through October. The annual food process wastewater loading rate is about 135 and 200 million gallons. Using a consumptive TDS concentration of 1,388 mg/L, the annual cannery TDS mass load is estimated at 780 pounds. Of the 6,460 tons of TDS applied annually to the Authority's percolation ponds, approximately 15 percent originates from the FPWF effluent. A graphic illustration of the total TDS applied to the percolation pond groundwater is presented in Figure 2-11.

As part of this investigation, a field inspection of the Gilroy Canning facility was conducted in November 1994 to identify the various wastewater streams. A schematic of the tomato processing operation at Gilroy Canning is presented in Figure 2-12. Tomatoes are trucked from the agricultural fields to Gilroy Canning, wherein the tomatoes are washed, graded and

FIGURE 2-11

ANNUAL TDS LOADINGS TO PERCOLATION PONDS
South County Regional Wastewater Authority



Annual FPWF TDS Load = 983 tons/year

(a) Food processor discharge occurs June to September, with no discharge the remainder of the year.

TDSSourceWS Chart 2 TDSSourceWS Chart 2
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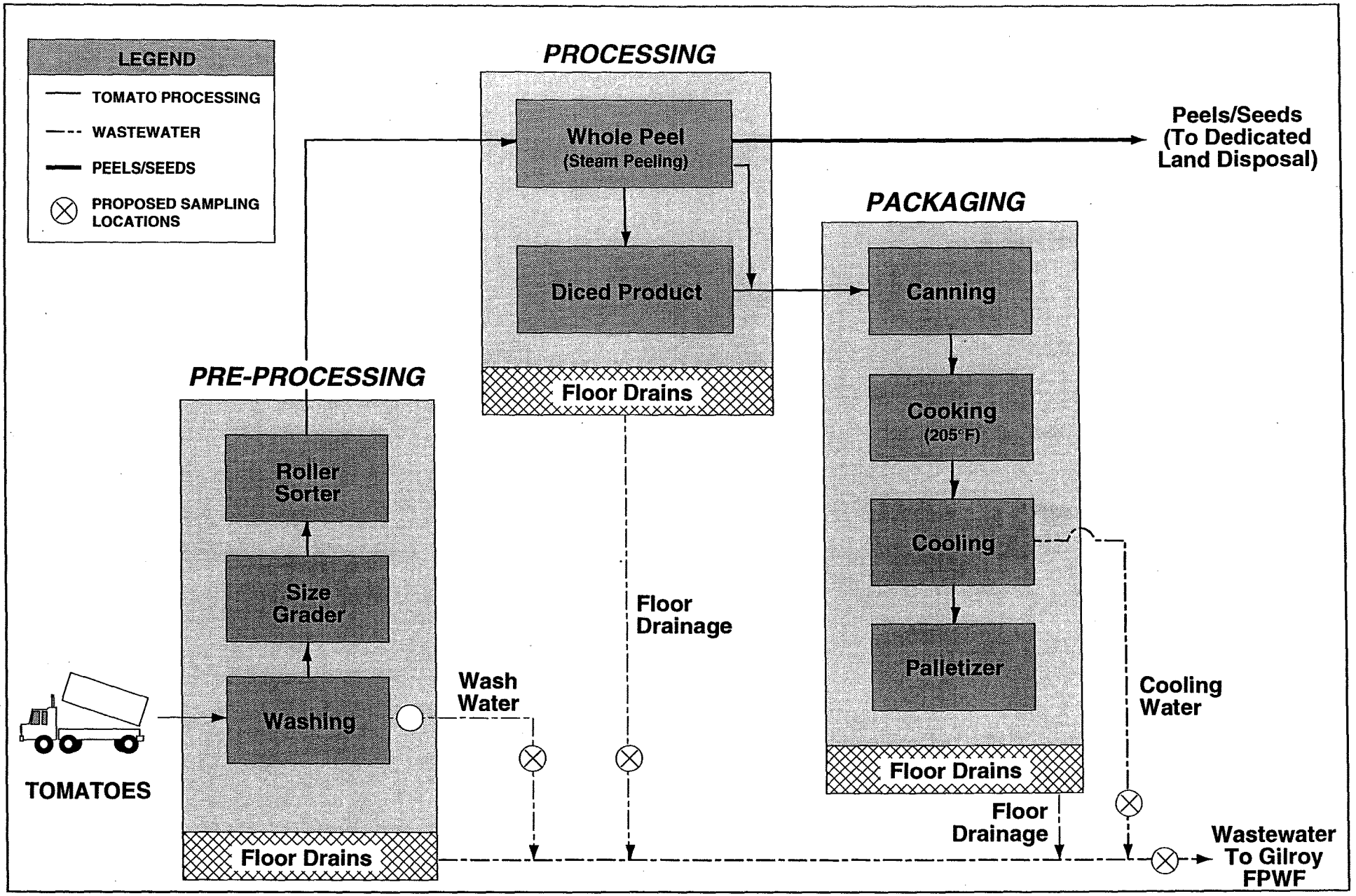

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CITY OF GILROY FOOD PROCESS WASTEWATER FACILITIES

FLOWCHART OF TOMATO PROCESSING FACILITY

FIGURE 2-12

MONTGOMERY WATSON

sorted. The washwater is passed through a settling clarifier prior to discharge to the Gilroy FPWF. Much of the soil and fines that are separated from the washwater are trucked to dedicated land disposal. Peels, skin and seeds from the tomato processing operation is also trucked to the dedicated land disposal and tilled in to the soil. However, some of this material spills to the floor and is washed with floor cleanings which drain to the FPWF. In addition, cooling tower blowdown is also discharged to the WWTP.

To reduce TDS reductions from Gilroy Canning, operations at the cannery will be reviewed during the upcoming 1995 food processing season. As shown in Figure 2-12, the various tomato processing facility wastewater streams will be sampled to identify significant TDS discharges. The wastewater flow streams are listed as follows:

- Wash water floor drain
- Processing area floor drain
- Cooling tower blowdown water
- Food process effluent

Following the cannery TDS audit, recommendations for overall TDS reduction to the FPWF will be made. It should be noted that Gilroy Canning has already completed significant improvements in 1993/1994 to their tomato processing operations. For example, the caustic peeling process has been replaced with the steam peeling process. Efforts such as these, have resulted in lower TDS discharges from the tomato peeling operation. However, it should be recognized that the TDS discharges are related to several factors beyond the control of the cannery. Some of these factors are the ripeness of the tomato, quantity processed, type of processing, etc. At this time, it is expected that improved housekeeping could potentially reduce some of the TDS discharges to the FPWF.

Section 3

CHAPTER 3

BEST MANAGEMENT PRACTICES

This chapter presents a discussion of Best Management Practices (BMPs) for prominent sources of relatively high TDS discharges to the Authority's WWTP. Also included is a discussion of the impact of BMPs and water conservation on TDS reduction efforts.

PROMINENT TDS DISCHARGES

This TDS investigation has identified several prominent TDS dischargers as potential candidates for TDS reduction BMPs. The study monitored effluent discharges from 71 businesses broadly grouped under 10 commercial business categories; among them about three business categories were identified as prominent TDS dischargers. They are as follows:

- Restaurant/food service
- Laundromats
- Supermarkets

In addition, the industrial monitoring identified the following businesses as potential targets for BMP implementation. The industrial businesses are as follows:

- Water softener company - Servisoft
- Commercial laundry - Lomar
- Seed processing - Germain's seed coating
- Cardboard container manufacturing - Gaylord

The residential sampling data indicated that self-regenerative water softeners could be a potential source of high TDS discharges to the municipal effluent. As indicated earlier, limited information on the extent of self-regenerative water softener use in the Gilroy-Morgan Hill area is available. In addition, Gilroy Canning may also be identified as a significant TDS discharger to the percolation ponds at the Gilroy-Morgan Hill WWTP.

AVAILABLE TDS BMPs

An extensive literature search was conducted to identify existing BMPs for TDS reduction. In addition, other communities such as the Irvine Ranch were contacted for TDS reduction BMPs. As part of the literature search, the Bay Area Hazardous Waste Reduction Committee (BAHWRC) was also contacted. BAHWRC is a committee of the Local Government Commission that maintains an extensive database of pollution prevention resource materials in Oakland. In general, it was found that there were no available BMPs targeted specifically towards TDS reduction. However, BMPs developed for other pollution prevention purposes were available. General pollution prevention activities such as good housekeeping, spill prevention, etc. are expected to lower TDS discharges. Therefore, pollution prevention BMPs developed for restaurants, laundromats, were retrieved in the development of specific TDS BMPs for the Gilroy-Morgan Hill WWTP.

A copy of BAHWRC's database summary and various pollution prevention documents are included in Appendix F. A summary of the BMP documents that may be suitable for TDS BMPs are presented below.

- **Gilroy CCD** - In January 1995, the Gilroy CCD initiated a grease removal program targeted at all restaurant/food handling facilities and restaurants in the service area. As noted in Chapter 2, the restaurant businesses constitute 50 percent of the permitted commercial facilities in the Gilroy-Morgan Hill area. The grease removal program requires restaurants to provide a report of grease removal on a monthly basis to the CCD. This program should result in some TDS reduction in the discharge to the WWTP from these facilities. A list of all the restaurants in the Gilroy-Morgan Hill service area along with a copy of the grease removal reporting form is included in Appendix F.

- **Water Quality Protection Guidelines for Food Handling Facilities (Palo Alto Regional Water Quality Control Plant).** This document provides useful information for restaurants, cafeterias, grocery stores, and bakeries. The brochure focuses mainly on proper cleaning techniques, but also includes information on maintaining cooling towers and refrigeration equipment and landscape garden maintenance.

- **Recipes for Safe Household Cleaning Alternatives (Sunnyvale Water Pollution Control Plant).** This two page brochure presents directions for the production of non-toxic household cleaners for window cleaning, metal polishing, abrasive cleaners, air fresheners, mothballs, ants, and roaches.

- **Pollution Prevention Checklists.** Checklists are available for the auto body repair, photoprocessing, printing, construction and dry-cleaning industries. These checklists provide suggested pollution prevention actions for common jobs and tasks. These checklists would be distributed to the appropriate facilities.

- **The City of Gilroy's Chemical Control Division (CCD)** has developed one-page BMP fact sheets for distribution to specific commercial and industrial activities. Copies of BMPs for medical and dental businesses, swimming pools and spas, and special events are presented in Appendix F.

BMP IMPLEMENTATION PLAN

TDS reduction is expected to be achieved through source reduction and pollution prevention activities. The Gilroy CCD maintains an EPA approved pretreatment program and is proactively involved with monitoring the various commercial/industrial discharges to the Authority's WWTP. Therefore, this BMP implementation plan emphasizes continued pollution prevention activities. Some of the on-going activities and proposed actions are listed below.

- Conduct a process audit of restaurants/food handling facilities and develop an information brochure targeted at TDS reduction methods. Improved housekeeping practices such as proper disposal of food scraps, selection/use of cleaning agents, water use, etc., may result in reduced effluent TDS discharges.

- As mentioned earlier, the Gilroy CCD initiated the grease removal reporting program in January 1995. The CCD will continue this program for the various restaurants/food service facilities.

- Continue to monitor the activities of the various industrial facilities that have high TDS discharges. The facilities will be audited to identify high TDS wastewater streams. This information would enable the dischargers to improve their housekeeping practice.

- Educate consumers on the types of commercially available residential water softeners. Information brochures will be prepared in cooperation with the Water Quality Association.

- In 1994, the Gilroy CCD also initiated a swimming pool permit for pool drainings. Pool drainings are discharged to the Authority's WWTP. As part of the BMP implementation plan, the CCD will provide individual homeowners with information on swimming pool maintenance along with the pool draining permit.

- Conduct a TDS audit at the Gilroy Canning facility during the 1995 FPWF season. Assist with the implementation of improved housekeeping procedures.

- At present, the Gilroy CCD provides local businesses with information on seminars, training, and other educational activities that are available. The CCD will continue to provide educational assistance to local businesses.

IMPACT OF BMPs AND WATER CONSERVATION ON TDS REDUCTION

A brief discussion on the impact of the BMPs and water conservation on effluent TDS reduction is presented in this section. The municipal effluent consists of commercial, industrial and residential discharges. Table 3-1 presents the 12-month average municipal effluent TDS concentration and the drinking water supply TDS concentration. A graphical summary of the historical consumptive concentration is presented in Figure 3-1. Review of the historical summary of the municipal TDS consumptive data indicates that the consumptive concentration exceeds the Regional Board's current consumptive limit of 370 mg/L. Recent data (November 1994 through February 1995) indicates that the consumptive TDS concentration is below the Regional Board limit of 370 mg/L in the winter months. This is possibly a result of infiltration/inflows into the sewer during the winter months, resulting in effluent dilution. Therefore, it is clear that the TDS concentration is greatly influenced by wastewater flows. The implementation of the various proposed BMPs may result in lower TDS loads; however, the extent of TDS reduction that can be achieved from these efforts is unknown.

As shown in Figure 3-1, it appears that a 5 percent reduction in the historical municipal consumptive TDS concentration, would result in compliance with the Regional Board's current consumptive TDS limit of 370 mg/L. Therefore, an analysis was conducted to determine the effort required to achieve an overall 5 percent TDS reduction in the municipal effluent TDS loads. Figure 3-2 presents an analysis of the TDS reductions that can be achieved through

TABLE 3-1
SUMMARY OF EFFLUENT CONSUMPTIVE TDS DATA

Month	Municipal Effluent TDS (a) (mg/L)	Drinking Water Supply TDS (b) (mg/L)	Consumptive TDS (c) (mg/L)	RWQCB Consumptive TDS Limit (d) (mg/L)	RWQCB Consumptive TDS Limit (e) (mg/L)
Jan 89	699	356	343	370	425
Feb 89	705	358	346	370	425
Mar 89	716	360	356	370	425
Apr 89	724	362	363	370	425
May 89	742	363	379	370	425
Jun 89	742	364	378	370	425
Jul 89	744	367	377	370	425
Aug 89	734	370	365	370	425
Sep 89	737	373	365	370	425
Oct 89	737	375	362	370	425
Nov 89	748	381	367	370	425
Dec 89	742	389	353	370	425
Jan 90	736	397	339	370	425
Feb 90	731	402	329	370	425
Mar 90	726	408	317	370	425
Apr 90	719	410	309	370	425
May 90	708	412	296	370	425
Jun 90	706	415	291	370	425
Jul 90	703	419	284	370	425
Aug 90	700	423	277	370	425
Sep 90	701	426	274	370	425
Oct 90	702	430	272	370	425
Nov 90	698	431	267	370	425
Dec 90	708	427	281	370	425
Jan 91	713	420	292	370	425
Feb 91	717	419	298	370	425
Mar 91	719	416	303	370	425
Apr 91	722	417	305	370	425
May 91	724	414	310	370	425
Jun 91	732	413	319	370	425
Jul 91	739	407	332	370	425
Aug 91	747	401	346	370	425
Sep 91	741	394	347	370	425
Oct 91	735	386	349	370	425
Nov 91	729	377	352	370	425
Dec 91	722	370	352	370	425
Jan 92	715	365	350	370	425
Feb 92	714	357	357	370	425
Mar 92	715	348	368	370	425
Apr 92	715	339	376	370	425
May 92	715	334	381	370	425

TABLE 3-1
SUMMARY OF EFFLUENT CONSUMPTIVE TDS DATA

Month	Municipal Effluent TDS (a) (mg/L)	Drinking Water Supply TDS (b) (mg/L)	Consumptive TDS (c) (mg/L)	RWQCB Consumptive TDS Limit (d) (mg/L)	RWQCB Consumptive TDS Limit (e) (mg/L)
Jun 92	708	326	381	370	425
Jul 92	701	322	380	370	425
Aug 92	693	317	375	370	425
Sep 92	693	314	379	370	425
Oct 92	696	311	385	370	425
Nov 92	702	309	393	370	425
Dec 92	708	307	400	370	425
Jan 93	708	307	401	370	425
Feb 93	703	307	396	370	425
Mar 93	694	319	375	370	425
Apr 93	693	319	374	370	425
May 93	690	319	371	370	425
Jun 93	685	319	366	370	425
Jul 93	688	319	369	370	425
Aug 93	697	319	378	370	425
Sep 93	700	335	365	370	425
Oct 93	701	335	366	370	425
Nov 93	702	335	367	370	425
Dec 93	701	335	366	370	425
Jan 94	709	335	374	370	425
Feb 94	714	335	379	370	425
Mar 94	721	341	380	370	425
Apr 94	725	345	380	370	425
May 94	726	345	381	370	425
Jun 94	732	345	387	370	425
Jul 94	724	345	379	370	425
Aug 94	713	345	368	370	425
Sep 94	714	346	368	370	425
Oct 94	712	346	366	370	425
Nov 94	708	346	362	370	425
Dec 94	703	346	357	370	425
Jan 95	693	346	347	370	425
Feb 95	685	346	339	370	425

(a) - Twelve month running average. From WWTP monthly monitoring reports.
(b) - Semi-annual monitoring data. From WWTP monthly monitoring reports.
(c) - Calculated as the difference between municipal effluent TDS and drinking water supply TDS.
(d) - Consumptive limit after June 1994.
(e) - Consumptive limit prior to June 1994.

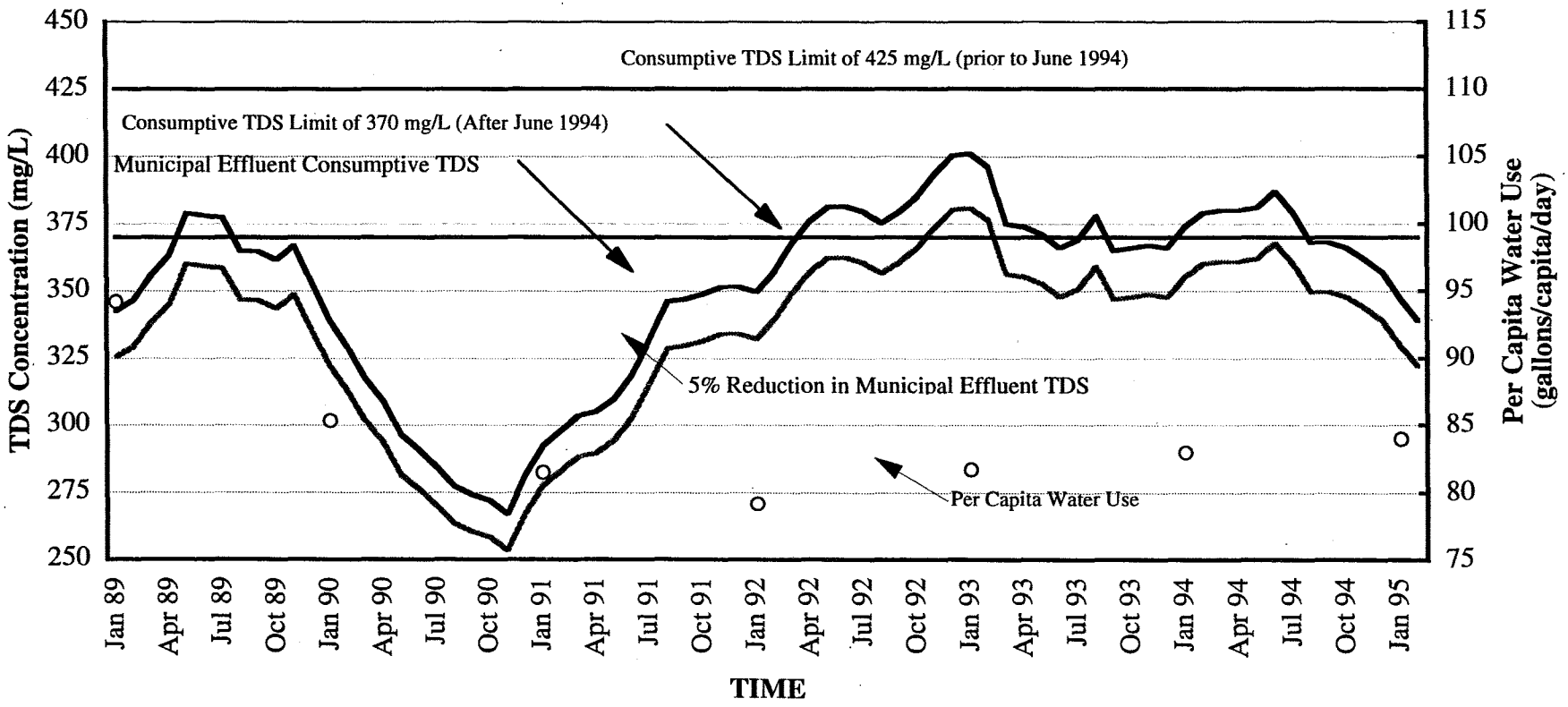

FIGURE 3-1

HISTORICAL SUMMARY OF CONSUMPTIVE TDS
South County Regional Wastewater Authority

consumptive TDS Consumptive-fig
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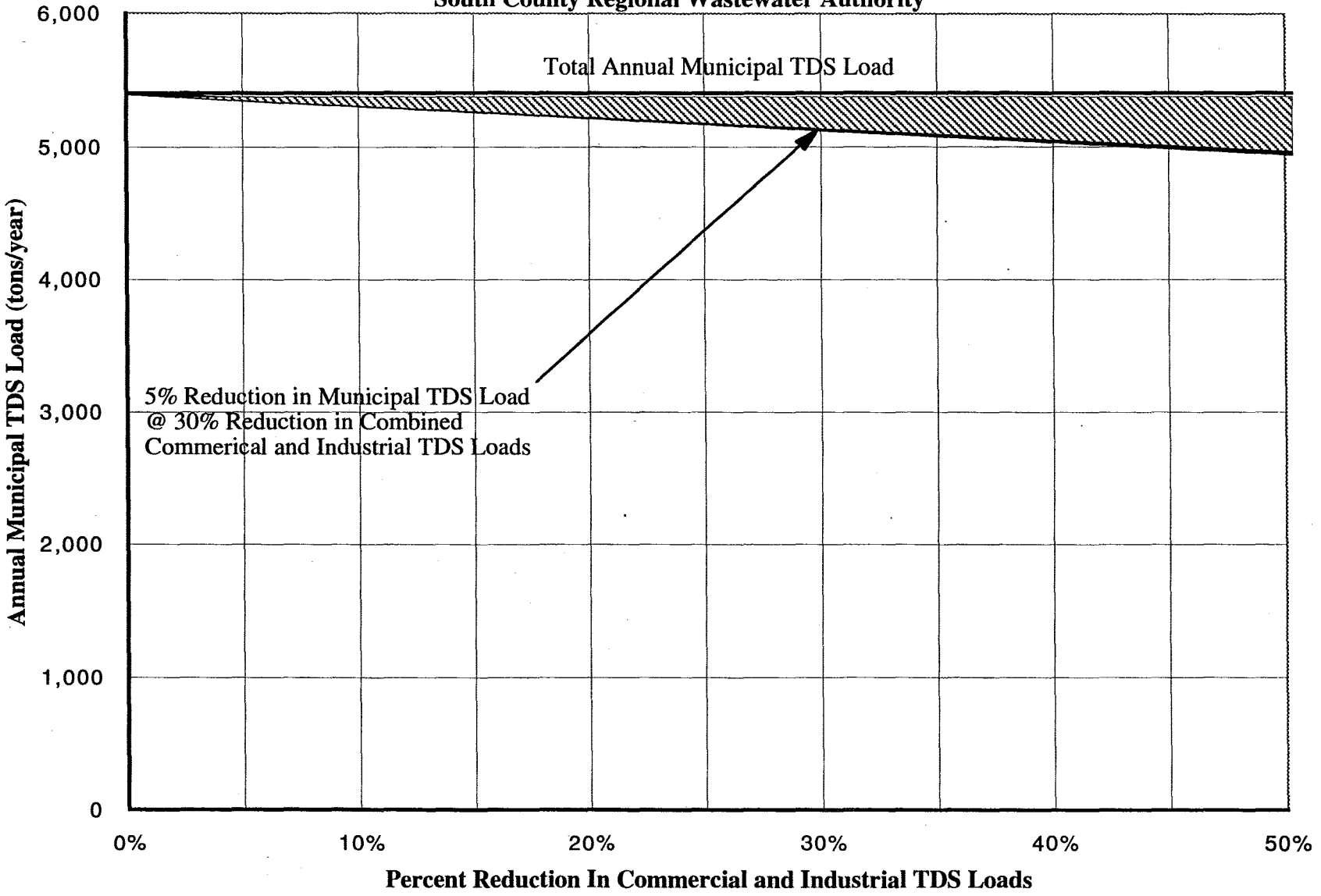
FIGURE 3-2

IMPACT OF COMMERCIAL AND INDUSTRIAL TDS LOAD REDUCTIONS ON MUNICIPAL TDS LOAD
South County Regional Wastewater Authority



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reductions in commercial/industrial TDS contributions. The total TDS mass loadings in the municipal effluent is about 5,480 tons/year; of which, the commercial/industrial TDS mass load is about 940 tons/year. To achieve a 5 percent overall reduction in the TDS loads to the WWTP, the commercial/industrial loads would have to be reduced by 30 percent. Figure 3-3 presents an analysis on the effort required to achieve a 5 percent reduction in WWTP TDS loads through reductions in residential TDS discharges. While several activities contribute to residential TDS loadings, this analysis targets residential self-regenerative water softeners. A 5 percent overall TDS reduction can be achieved by reducing about 45 percent of the residential self-regenerative TDS discharges.

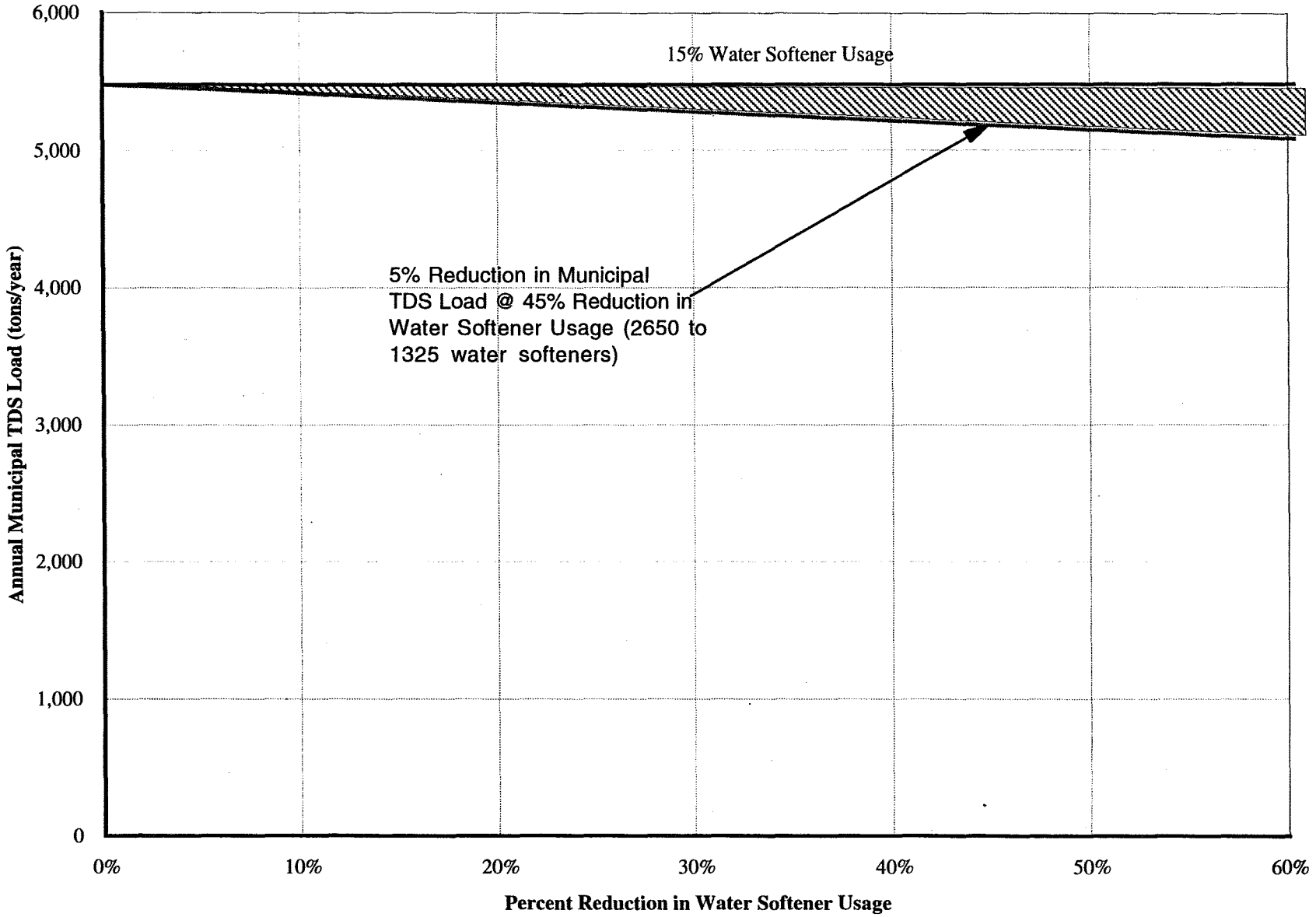
Based upon this analysis, significant effort is required to achieve a 5 percent reduction in overall TDS contribution to the WWTP. Therefore, a combination of TDS reduction measures from both commercial/industrial and residential will be required. As discussed earlier, the Authority plans to implement various BMPs for TDS reduction. The primary focus of this effort will be targeted at commercial/industrial businesses through pretreatment and source control audits. However, it is envisioned that the residential TDS reductions will be achieved through proactive public education campaigns. For instance, the Authority, in cooperation with the WQA, plans to develop information brochures on the types of various residential water softeners (Personal Communications, April 1995).

Another factor that has a significant influence on the consumptive TDS concentration is water conservation. With the recent drought (1986-1992), drinking water agencies have initiated extensive public awareness campaigns for improved water conservation/use. Review of the water use records indicates that the per capita water consumption has decreased from 98 gallons per capita per day (gpcd) to 79 gpcd between 1985 and 1992. Several commercial and industrial facilities have also undertaken modifications to improve water conservation. For the most part, these measures have resulted in successful water reduction and conservation. While this action may be beneficial from a water supply perspective, it has an adverse effect on TDS reduction efforts, as the dissolved solids are further concentrated in the discharge flow. Therefore, the mass-based approach in the analysis of TDS impacts may be more appropriate. At facilities where high levels of conservation have been achieved, it may be difficult to obtain further reductions in TDS loads. An example of literature that encourages water conservation as a pollution prevention measure is included in Appendix F.

- **Preventing Pollution Through Efficient Water Use (EPA).** This document provides information on how efficient water use can aid pollution prevention. In

FIGURE 3-3

IMPACT OF WATER SOFTENER REDUCTIONS ON ANNUAL MUNICIPAL TDS LOAD
South County Regional Wastewater Authority



Residential Component Chart 2 Residential Component Chart 2
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addition to providing motivation for pollution prevention activities, it also summarizes several techniques for reductions in water use in the home, work or schools.

Based upon this analysis, it appears that the consumptive TDS frequently exceeds the Regional Board's current consumptive TDS limit of 370 mg/L, resulting in periodic violations. However, the consumptive TDS is consistently below the Regional Board's previous consumptive use limit of 425 mg/L. At this time, the impact of the various proposed BMPs on TDS reduction is unknown. To enable consistent permit compliance, the consumptive TDS limit needs to be reverted to 425 mg/L. Further, TDS reduction efforts at Gilroy Canning could potentially lower the overall TDS loading to the shallow aquifer at the Gilroy/Morgan Hill WWTP and the Gilroy FPWF.

Section 4

CHAPTER 4

FINDINGS AND RECOMMENDATIONS

This chapter presents a summary of the findings and recommendations from this TDS investigation. The results of this investigation were based upon the overall mass TDS loading versus the concentration-based approach.

INVESTIGATION FINDINGS

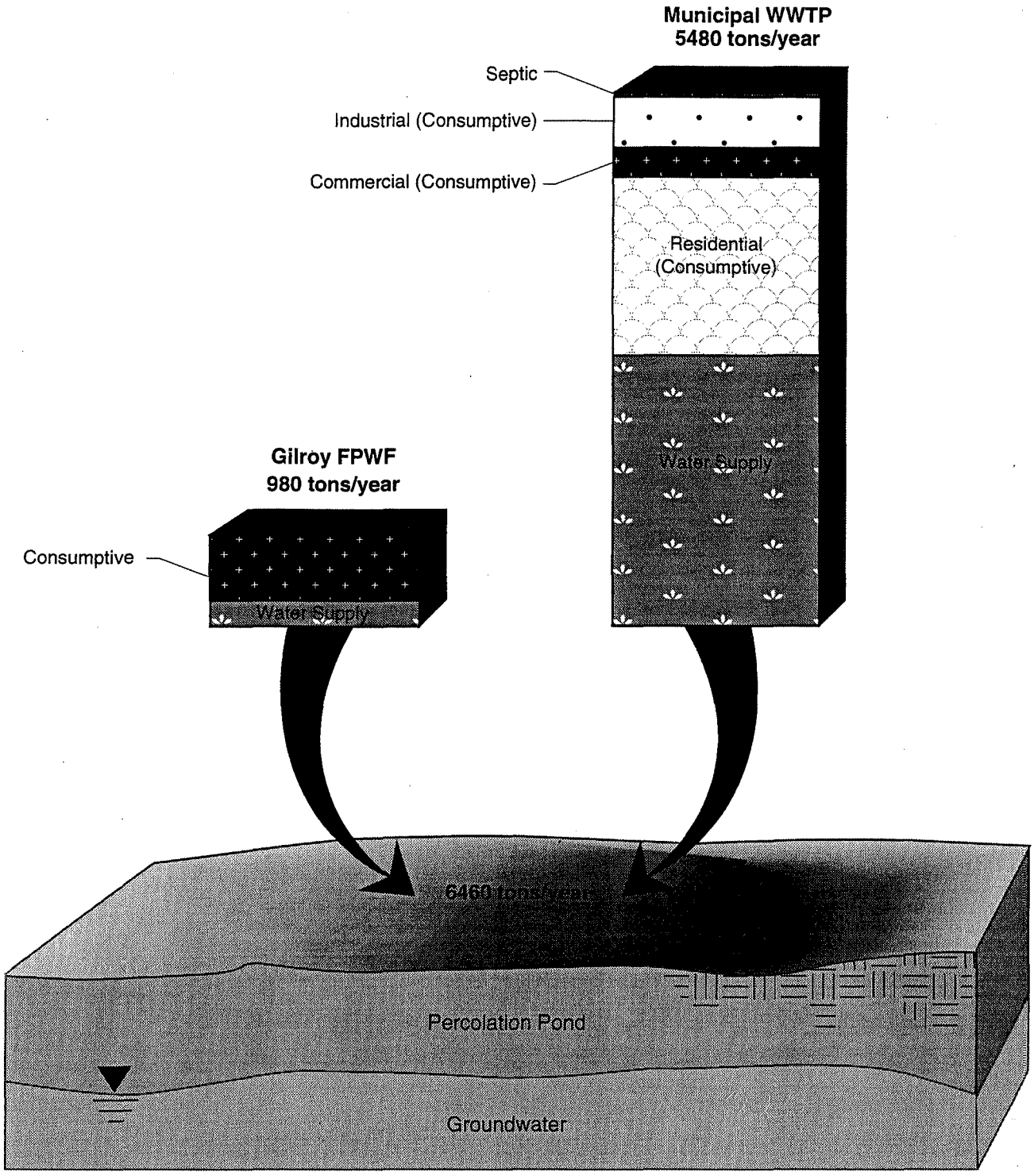
A schematic of the overall TDS contribution to the groundwater at the Gilroy-Morgan Hill WWTP and the Gilroy FPWF is presented in Figure 4-1. A summary of the findings and conclusions from this investigation is presented as follows.

- The municipal effluent contributes about 5,480 tons/year of TDS to the municipal effluent, equivalent to about 0.51 lbs/capita/day. The various sources of municipal effluent TDS include residential, septage, commercial and light industrial activities.

- The consumptive residential TDS contribution from the various household activities is about 0.17 lbs/capita/day. Residential consumptive TDS contributors include cooking, bathing, dishwashing, laundry, house cleaning, swimming pools, self-regenerative water softeners, etc.

- Based upon discussions with water softener vendors and other literature information, the overall TDS contribution from self-regenerative water softeners to the municipal effluent is estimated at about 13 percent. An analysis of the impact of water softener reduction to the overall total TDS load showed that to achieve a 5 percent TDS reduction requires a 45 percent reduction in water softener use. It was estimated that 15 percent of the service area population utilizes self-regenerative water softeners.

- As part of this investigation, a visit to a regional retailer of residential water softeners was conducted. Discussions with the vendor indicated that self-regenerative water softeners (TCR and DIR) were the preferred choice among the residential consumers. In fact, this vendor sold only self-regenerative water softeners because of consumer demand. Therefore, it appears that public



SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

SCHEMATIC OF ANNUAL TDS LOADS TO GROUNDWATER

FIGURE 4-1

education that explains the differences between water softeners may be an effective alternative to regulatory enforcement.

- The food process wastewater (from Gilroy Canning) contributes about 980 tons/year to the percolation ponds at the Gilroy FPWF. The FPWF percolation ponds are located adjacent the municipal effluent percolation ponds. As a result, the total annual TDS contribution to the groundwater at the Gilroy-Morgan Hill WWTP and the Gilroy FPWF is about 6,460 tons/year.

- The prominent sources of commercial TDS discharges were restaurants, laundromats and shopping centers. The TDS investigation of commercial businesses included a total of 71 sites, broadly grouped under 10 categories. The commercial categories were fast food restaurants, car washes, schools, laundromats, light industrial parks, medical/dental facilities, bakeries, supermarkets, auto dealerships/body shops and shopping centers. Shopping centers include a combination of businesses such as restaurants, laundromats, bakeries, etc.

- The prominent industrial TDS contributors to the WWTP were commercial laundries, cardboard manufacturing, and a tomato processing facility.

- The field investigation of residential trunk sewer sampling showed no observable variation in TDS discharges based upon socio-economic factors. It was speculated that wealthier residential neighborhoods would contribute higher TDS discharges from swimming pools, self-regenerative water softeners, etc. The field data may have been influenced by infiltration/inflows to the sewer as this investigation was conducted between the winter months of December 1994 through March 1995.

- Annual septage discharges to the Gilroy-Morgan Hill WWTP are estimated between 320,000 gallons and 390,000 gallons. Septage samples had high TDS concentrations; however, the overall mass loading to the treatment plant was <1 percent of the overall TDS mass contributions to the treatment plant.

- The Gilroy CCD maintains a proactive pretreatment and source control program. In January 1995, the CCD initiated a restaurant grease removal

reporting program for the various restaurants/food handling facilities in the service area. Of the 359 permitted commercial businesses in the Gilroy/Morgan Hill area, 160 are restaurant/food handling facilities.

- The CCD has also implemented a swimming pool draining permit requirement. Its noted in the July 1994 study, swimming pool discharges have TDS concentrations that range between 760 mg/L and 7,050 mg/L. The Fish and Game Department bans the discharge of swimming pools to the storm drain due to potential impacts (from chlorine) to fish and wildlife in the receiving environment. Therefore, pool drainings are discharged to the municipal WWTP.

RECOMMENDATIONS

Based upon this investigation, an overall reduction in the total TDS discharges to the municipal effluent could potentially be achieved by source control/pretreatment efforts. The impact of these source control/pretreatment efforts will have to be determined over an extended time period. Specific recommendations from this investigation are as follows:

- Initial TDS source control efforts should focus on prominent commercial/industrial dischargers, such as restaurants and laundromats. The CCD will continue to monitor the activity of the various permitted commercial/industrial dischargers.

- Conduct a process audit of restaurants/food handling facilities and implement BMPs (included in the report) for the restaurant/food handling businesses in the service area. On-going CCD efforts such as the recently implemented restaurant grease removal program may have an indirect impact on municipal TDS reduction.

- Conduct a TDS audit of the tomato processing operation at Gilroy Canning during the 1995 food processing season and identify TDS reduction measures. It should be recognized that Gilroy Canning has made significant process changes that result in lower TDS discharges.

- As required in the Waste Discharge Requirement (WDR) Order No. 92-20, monitor the municipal influent TDS concentration. In addition, conduct periodic monitoring of the trucked-in septage. Include a summary discussion of annual TDS loadings in the annual report. As discussed earlier, the mass-based TDS loading approach provides a bench mark for reviewing TDS loadings trends over extended time periods.

- Implement a public education campaign focused on reducing high TDS discharges. The Gilroy CCD currently provides local businesses with information on pollution prevention activities and actively participate in public education. In general, the various pollution prevention activities are expected to lower the municipal TDS content.

- In cooperation with WQA, develop educational brochures that explain the differences between various commercially available residential water softeners. These brochures will be made available to the general public through mailings and other media.

- The historical consumptive effluent TDS data indicates frequent violation of the Regional Board's current consumptive limit of 370 mg/L; however, consistent compliance is achievable with the Regional Board's previous consumptive limit of 425 mg/L. To enable consistent permit compliance, the consumptive limit needs to be reverted to 425 mg/L. It should be recognized that the overall TDS contribution over the past several years may have actually remained steady. However, the impact of water conservation measures such as low flow toilets, etc., results in higher TDS concentrations in the municipal effluent.

Section 5

CHAPTER 5

REFERENCES

1. California Department of Water Resources, "Industrial Water Conservation References of Industrial Laundries," The Metropolitan Water District of Southern California, 1989.

2. Montgomery Watson, "Draft Water Reclamation Planning Study," South County Regional Wastewater Authority, February 1995.

3. Water Quality Association, "Information Facts on Home Water Softening, Total Dissolved Solids, Chlorides & Water Usage," 1991.

4. Montgomery Watson, "Phase II Predesign Study: Preliminary Site Selection Report, Appendix A: Population and Wastewater Flowrate Projections," South County Regional Wastewater Authority, November 1993.

5. Utah Study

6. Personal Communications with Ms. Carlyn Meyer, Water Quality Association, April 1995.

Appendix A

APPENDIX A

TDS Work Plan, April 14, 1993

April 14, 1993

Mr. John Mijares
California Regional Water Quality Control Board -
Central Coast Region
81 Higuera Street, Suite 200
San Luis Obispo, CA 93401-5414

SUBJECT: Total Dissolved Solids Work Plan - South County Regional Wastewater Authority

File No.: 1443.0030/3.1

Dear Mr. Mijares:

On behalf of the South County Regional Wastewater Authority (Authority), Montgomery Watson has prepared this work plan to implement Best Management Practices (BMP) for total dissolved solids (TDS) reduction in the Authority's effluent discharge. This work plan has been prepared in compliance with Regional Board Waste Discharge Requirements Order No.: 92-20, Provision E7.

WORK PLAN

The work plan presents the tasks and project schedule to meet TDS effluent discharge requirement of water supply + 370 mg/L on June 1, 1994. The current effluent TDS limit until June 1, 1994, is water supply + 425 mg/L. The overall goal of the Regional Board requirement is to reduce the consumptive TDS contribution from 425 mg/L to 370 mg/L. A description of the work plan scope is presented below.

Task 1 - Literature Review

This task includes a literature review of available BMPs for effluent TDS mitigation and a review of effluent TDS mitigation ordinances at other Cities. In addition, other Cities will be contacted to develop a database of effluent and potable water supply TDS levels. This information will be compared with the Authority's consumptive use TDS data. The analysis will consider the impact of the drought and other factors in evaluating the consumptive TDS data.

Task 2 - TDS Source Monitoring

This task will include TDS monitoring in the Cities' routine trunk sampling program. In addition, the Chemical Control Division (CCD) will monitor TDS at the various commercial facilities that discharge to the Authority's WWTP. It should be noted that the CCD has initiated this program in January 1993. The monitoring will be done for at least twelve months to identify high TDS effluent discharges to the South County Regional WWTP. The data from this TDS monitoring program will be submitted to the Regional Board as part of the BMP selection.

Task 3 - Best Management Practice

Based upon the findings of Tasks 1 and 2, the Authority will recommend a suitable BMP to reduce the effluent TDS levels. The BMP may address individual households or commercial dischargers to achieve the desired TDS reduction. The BMP selection will consider the overall economic impact to the community.

SCHEDULE

The Regional Board Waste Discharge Requirement Order No. 92-20 deadline for compliance with revised TDS limit of water supply + 370 mg/L is June 1, 1994. The work plan schedule to implement the BMP for effluent TDS reduction is presented in Figure 1.

If you have any questions or need additional information, please contact Ramesh Babu or me at 510 933 2250.

Very truly yours,

John R. Burris
Program Manager

cc: Jay Baksa, City of Gilroy
Rick Smelser, City of Gilroy
Al Slechta, OMI
Nick Amper, City of Gilroy

Appendix B

APPENDIX B

Total Dissolved Solids Study, July 1994,
prepared by Montgomery Watson
Regional Board letter dated, September 6, 1994

South County Regional Wastewater Authority

Total Dissolved Solids Study

July 1994

SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

TOTAL DISSOLVED SOLIDS STUDY

Prepared by
Montgomery Watson
Walnut Creek, California

July 1994

MONTGOMERY WATSON

July 11, 1994

Mr. John Mijares
California Regional Water Quality Control Board-
Central Coast Region
81 Higuera Street, Suite 200
San Luis Obispo, CA 93401-5414

File No.: 1443.0030/3.1

SUBJECT: Total Dissolved Solids Study - South County Regional Wastewater Authority

Dear Mr. Mijares:

On behalf of the South County Regional Wastewater Authority (Authority), Montgomery Watson has prepared this total dissolved solids (TDS) study in compliance with Regional Board Waste Discharge Order No. 92-20. The study includes a comprehensive review of TDS sources, TDS groundwater impacts, a consumptive use comparison with other municipal effluent and other ordinances controlling the use of water softeners.

The study indicated that the Authority currently meets the existing consumptive use TDS limit of 425 mg/L. However, it would be unlikely for the Authority to consistently meet the proposed Regional Board consumptive use TDS limit of 370 mg/L. Effluent treatment to reduce TDS would result in very significant costs to the Authority. Therefore, the Authority requests the Regional Board to consider maintaining the current consumptive use TDS limit of 425 mg/L. Comparison of the Authority's consumptive use TDS data with thirty-one other municipalities indicates that the Authority's data is within the range of typical values. The survey also indicated that other municipalities with land discharge of municipal effluent do not have effluent TDS limits.

The Authority, however, would focus on reducing the overall TDS load to the groundwater at the treatment plant with source control/pretreatment methods. Based upon the findings of this study, it appears that groundwater TDS impacts could be reduced by targeting initial TDS reduction efforts towards industrial/commercial and Food Processor Wastewater Facility (FPWF) discharges before targeting domestic sources.

If you have any questions, or need additional information, please telephone me at 510 274 2277.

Very truly yours,

Ramesh Babu
Project Engineer

cc: Jay Baksa, City of Gilroy
Rick Smelser, City of Gilroy
Al Slechta, OMI-Gilroy
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Serving the World's Environmental Needs

SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

TOTAL DISSOLVED SOLIDS STUDY

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PURPOSE

The purpose of this report is to identify the contributing sources of total dissolved solids (TDS) to municipal wastewater and its impact on groundwater quality at the South County Regional Wastewater Authority (Authority). The study was required by the Central Coast Regional Water Quality Control Board (Regional Board) as part of the Waste Discharge Requirements (WDR) Order No. 92-20. A work plan for the study scope was submitted to the Regional Board in a letter dated April 15, 1993. The outcome of this effort is for the Authority to comply with the revised municipal effluent TDS discharge limit of water supply + 370 mg/L for the new treatment plant. The current municipal effluent TDS discharge limit is water supply + 425 mg/L for the existing facility.

SUMMARY OF FINDINGS AND CONCLUSIONS

The summary of findings and conclusion of this municipal wastewater TDS evaluation are presented below.

- **Consumptive Use Limits.** Review of the Cities' of Gilroy and Morgan Hill water supply TDS and municipal wastewater influent TDS concentrations indicates that the average consumptive TDS (calculated from January 1992 to March 1994) for the WWTP service area is about 390 mg/L, which is below the current Regional Board consumptive use limit of 425 mg/L but above the proposed consumptive use limit of 370 mg/L. It is unlikely that the WWTP will be able to consistently meet the proposed consumptive use limit of 370 mg/L without further reductions in consumptive TDS loadings.

- **Groundwater TDS Concentration.** The review of the historical groundwater TDS concentrations (at the Authority's WWTP) indicated no distinct trend in increasing TDS concentration below the municipal WWTP percolation ponds. However, the groundwater monitoring wells in the vicinity of the food process percolation ponds demonstrate a noticeable increase in TDS concentrations.

- **Commercial and Industrial TDS Contributions.** The Authority's Chemical Control Division conducted a one-year random sewer sampling program at various locations in the Authority's service area to identify sources of highly concentrated

TDS discharges to the Authority's WWTP. This program indicates that significant TDS loadings are contributed from a few facilities with discharges high in flow and/or TDS concentration. Commercial and industrial flows contribute a greater percentage of total TDS loading than they account for in flows to the WWTP. The majority of industries sampled presented a negligible TDS loading to the plant.

- **Food Process TDS Contributions.** The discharge of food process wastewater is a significant source of groundwater TDS increases. Comparison of the municipal and food process effluent land discharges indicates that the annual food process effluent flow is about 8 percent of the annual municipal effluent discharge. However, the annual food process TDS load (about 1,000 tons) is about 20 percent of the annual municipal effluent TDS load (about 5,360 tons). Therefore, the FPWF effluent is a significant source of groundwater TDS.

- **Residential Water Softening Contributions.** Residential self-regenerative water softeners are a potential source of wastewater effluent TDS. Based upon discussions with water softener vendors in the Gilroy-Morgan Hill area, it is estimated that between 15 to 40 percent of Gilroy and Morgan Hill households use self-regenerative water softeners. However, the accuracy of this estimate can only be verified with further investigation. As a result, it is very difficult to speculate the TDS impact water softeners have on municipal effluent.

- **Water Softening Ordinances.** A brief review of water softener use ordinances indicated that the state and a few California communities have adopted ordinances related to the use of self-regenerating water softeners. For about thirty years, the Irvine Ranch has successfully implemented an ordinance that bans the use of self-regenerating water softeners. However, more recently, the City of Escondido has had difficulty in adopting ordinances banning water softeners. A court case (*City of Escondido v. Pacific Water Quality Association*) is in progress with respect to water softener use in individual homes. The outcome of this case may impact the effectiveness of these ordinances.

- **WWTP Survey.** A survey of thirty-one municipal WWTPs was conducted to compare the Authority's wastewater TDS data with other municipalities. The survey indicated that the Authority's consumptive TDS (about 390 mg/L) is within the range of typical values. Of the thirty-one WWTPs surveyed, only two had

absolute effluent TDS limits imposed. The survey also indicated that other municipalities that land discharged their effluent did not have effluent TDS limits. The Authority's WWTP has an equal or lower consumptive TDS concentration than other Central Coast WWTPs with effluent land discharges.

RECOMMENDATIONS

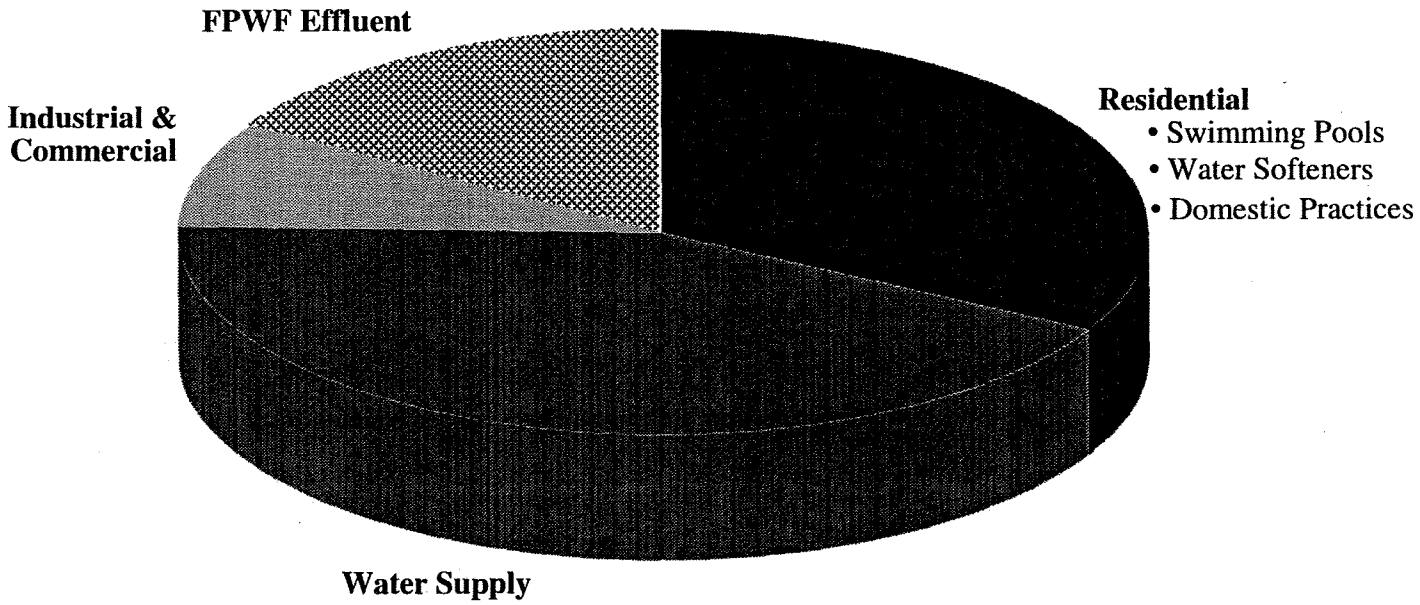
This study includes a comprehensive review of TDS sources, a consumptive TDS comparison with other municipal effluent and other ordinances controlling the use of water softeners. A breakdown of some of the identifiable sources of significant TDS loadings to the groundwater at the Authority's treatment plant are as follows: water supply, industrial/commercial, FPWF effluent and residential sources such as swimming pools, water softeners and domestic practices. An illustration of the TDS loading from the various sources listed above is presented in Figure 1.

Based upon the findings of this investigation it appears that initial efforts should be directed towards reducing TDS contributions from industrial/commercial and FPWF discharges prior to targeting domestic sources. Best Management Practices (BMPs) can be developed based upon case-specific conditions that are unique from industry to industry. Therefore, a detailed investigation of the various commercial/industrial dischargers in the Gilroy/Morgan Hill area is required to develop BMPs.

Based upon the findings of this study, the following recommendations are made.

- At present, the Authority consistently meets the current effluent TDS limit of water supply plus 425 mg/L. It may be more difficult to meet the proposed limit of water supply plus 370 mg/L without either a significant reduction of influent TDS, or costly treatment facilities capable of removing dissolved solids. Therefore, the Authority requests the Regional Board to retain the current effluent TDS limit of water supply plus 425 mg/L.

- The Authority should continue the random effluent TDS sampling program to identify sources of high TDS discharges. Assist dischargers with high TDS loadings in adopting best management practices to reduce TDS loadings to the WWTP.



Note: TDS Contributions are estimated based on available information.

FIGURE 1
SOURCES OF WWTP EFFLUENT TDS

- Continue to develop and implement strict source control/pretreatment for commercial and industrial discharges.

- Improve housekeeping at Gilroy Canning (tomato processing facility) to reduce TDS discharges to the Gilroy FPWF.

- Continue to monitor the service area water supply TDS, Authority's municipal wastewater influent TDS and the groundwater TDS at the Authority's WWTP.

BACKGROUND

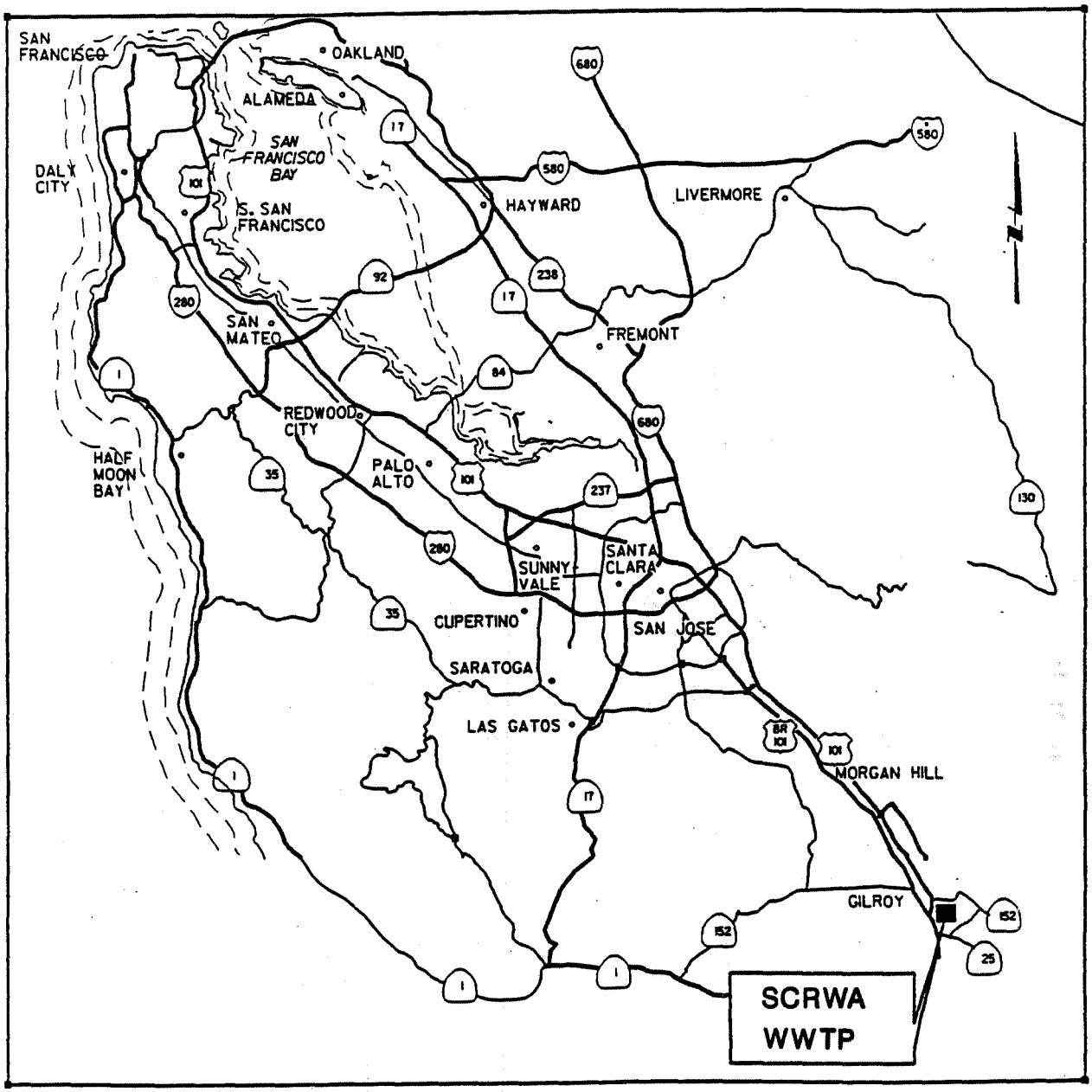
This section presents a description of the wastewater treatment and water supply facilities in the study area. Also presented is a discussion of the site hydrogeology to aid in the understanding of the groundwater impacts.

Facilities Description

The Authority's wastewater treatment plant (WWTP), located in Gilroy, provides municipal wastewater treatment for the Cities of Gilroy and Morgan Hill. Figure 2 presents the location of the Authority's WWTP. A brief description of the WWTP and water supply facilities is presented below.

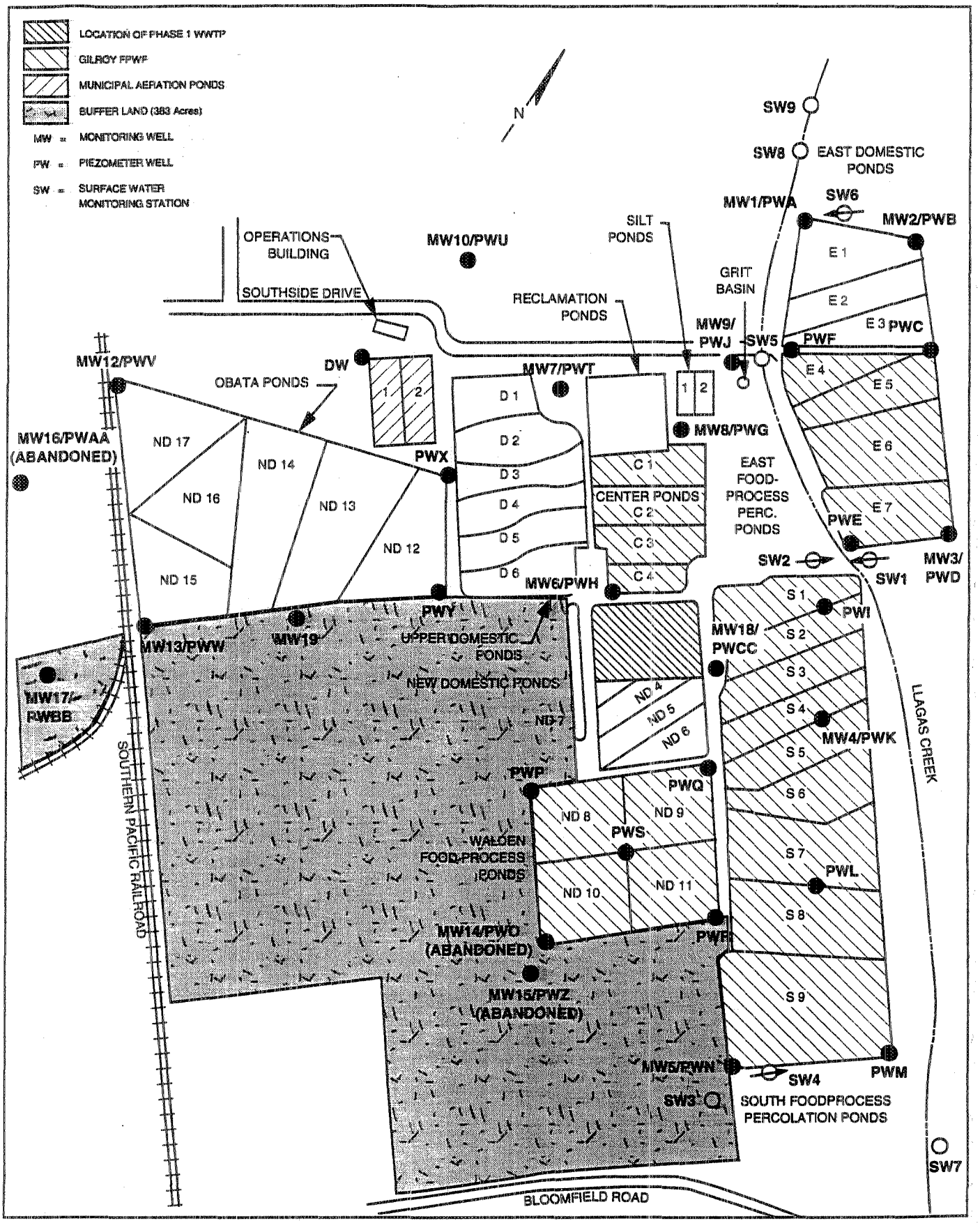
Municipal Wastewater Facilities. The Authority's WWTP consists of aerated ponds which provide advanced primary treatment and about 200 acres of percolation ponds for effluent disposal. A site plan of the WWTP is presented in Figure 3. The WWTP has a design capacity of 6.1 mgd, with current flows of about 5 mgd. Historical flow data indicates that approximately 60 percent of the flow is contributed from Gilroy with the remainder from Morgan Hill. Assuming an average daily flow of 5 mgd, the municipal effluent quantity is about 1.825 billion gallons per year. At an average effluent TDS concentration of 704 mg/L, the annual TDS loading is estimated to be 5,360 tons.

At present, construction of a new secondary WWTP with a design capacity of 7.5 mgd (Phase I), and a 3 mgd tertiary WWTP is in progress and is scheduled to begin operations in Fall 1994. The secondary treatment process includes nitrification and partial denitrification. The treated secondary effluent will be discharged on to the existing 200-acre percolation ponds. The tertiary effluent will be used for in-plant use and also



SCRWA WWTP LOCATION MAP

FIGURE 2



GROUNDWATER AND SURFACE WATER MONITORING LOCATIONS

South County Regional Wastewater Authority

FIGURE 3

distributed during the summer months to local farmers and other reclaimed water users. The Authority is currently preparing a wastewater reclamation master plan for the Gilroy and Morgan Hill areas. The Authority recently purchased about 383 acres of agricultural lands surrounding the south and west boundaries of the WWTP. These lands serve as a buffer to isolate the WWTP from the community and surrounding properties.

Food Processor Wastewater Facility. The City of Gilroy operates a Food Processor Wastewater Facility (FPWF) on behalf of a local tomato processing industry. Until recently, the FPWF received discharges from a second food processor. The Gilroy FPWF consists of a grit basin and 200 acres of percolation ponds, adjacent the municipal percolation ponds as shown in Figure 3. The FPWF is operated during the canning season from June through October of each year.

Reclamation Facilities. The goal of achieving lower TDS concentrations in the municipal effluent has two objectives: reduced groundwater impacts (from land disposal operations) and increased potential for water reclamation. The Authority, like several other California municipalities is pursuing water reclamation to meet growing water demands. At present, the Authority provides about 1.5 mgd of reclaimed water to agriculture users in the summer months. With the completion of the Phase I project, the Authority will have the ability to produce about 3 mgd of tertiary effluent for reclamation. The new reclamation facilities consist of filtration and chlorine contact.

The Authority is in the process of developing a wastewater reclamation Master Plan to distribute up to 15 mgd of reclaimed water. The incorporation of reclamation could ultimately reduce the TDS loading at the WWTP percolation site by diverting up to 15 mgd of flow from disposal. The proposed users of reclaimed water include both agricultural and municipal irrigation users including parks and golf courses. Irrigation waters considered safe and suitable for most plants under any conditions of soil or climate require TDS levels below 700 mg/L. TDS levels between 700 mg/L and 2,100 mg/L are considered as possibly harmful for certain crops, particularly in the higher ranges. Therefore the current WWTP effluent TDS levels are likely to be suitable for most reclamation irrigation uses. Although no current plans exist for industrial reclamation uses as part of the Master Plan, this category of users typically requires a low TDS concentration.

Water Supply Facilities. The source of drinking water for the communities of Gilroy and Morgan Hill is groundwater. The drinking water supplies in Gilroy and Morgan Hill are managed by their respective city staff. The water supply for the Gilroy area relies on a network of nine groundwater wells that pump from the deep aquifer. The City of Morgan Hill relies on its water supply from thirteen wells that tap the deep aquifer.

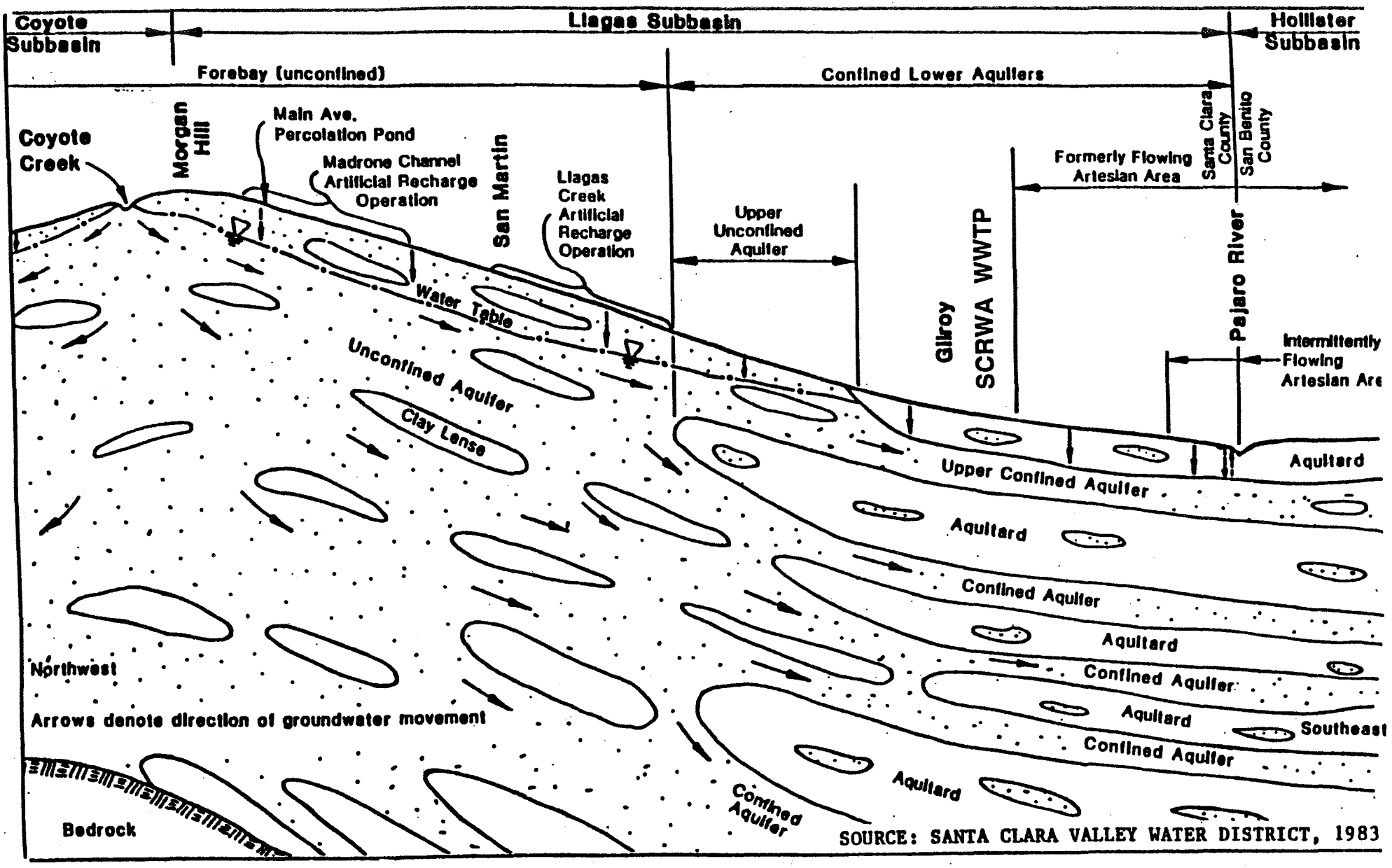
WWTP Site Hydrogeology

A brief summary of the hydrogeology of the southern Santa Clara Valley is provided below to aid in the evaluation of the TDS impacts of effluent land disposal. A general cross section of the hydrogeologic conditions under the WWTP site is presented in Figure 4. This figure shows that a shallow, perched aquifer approximately 100 feet deep exists beneath the treatment plant. The depth to groundwater in this aquifer varies seasonally with rainfall. Generally, the groundwater levels vary between a few feet below grade in the winter and 33 feet during dry months. At levels below 150 feet, groundwater is present in confined aquifers.

The shallow upper aquifer is recharged from rainfall, agricultural return water, upward leakage of the confined aquifer and percolation of municipal and food process wastewater. Recharge to the deeper aquifers is mainly from subsurface flows, although some recharge may occur due to the downward flow of surface water and groundwater through leaks in the clay cap that separates the aquifers and through deep wells which are perforated in both upper and lower aquifers.

Groundwater TDS Summary

This section presents an overview of the groundwater TDS impacts (at the WWTP) that result from treated wastewater discharged to 200 acres of percolation ponds. In the percolation ponds, evaporation and infiltration are the two major routes for ultimate disposal of the wastewater effluent. As mentioned earlier, the TDS concentration in the influent wastewater is relatively unaffected by the wastewater treatment process and ultimately ends up in the effluent wastewater stream. TDS in the effluent can migrate into the shallow aquifer through the transport mechanisms that dominate in the percolation ponds, mainly diffusion.



SOURCE: Draft Environmental Impact Report for the Long Term Wastewater Management Plan, 1990.

SCHEMATIC CROSS SECTION OF WATER BEARING STRATA IN SOUTH SANTA CLARA COUNTY

FIGURE 4

Groundwater TDS concentrations are measured around the WWTP site through a network of monitoring wells. The locations of these monitoring wells are presented in Figure 3. These wells provide information on the upgradient and downgradient water quality in the shallow aquifer. One well (MW 18) located in the center of the site provides data for the deep aquifer.

Shallow Aquifer. A summary of the historical groundwater TDS data collected from the monitoring wells between June 1986 through May 1994 is presented in Table 1. From the data it appears that TDS has increased most significantly in the areas upgradient and downgradient of the food process ponds (MW 3, 4, 5, 8, 9, PWS). No distinct trend in TDS concentration increase is observable in any of the municipal percolation pond monitoring wells during this period.

A computer generated representation of the groundwater mean TDS concentration gradient from June 1986 to September 1994 is plotted in Figure 5. From this plot it can be seen that the highest TDS concentrations (greater than 900 mg/L) exist downgradient of the food process pond. It is apparent from this figure that the WWTP land application operations result in an increase in groundwater TDS of up to 440 mg/L.

Past effluent disposal operations have resulted in an observable increase in TDS concentrations in the shallow aquifer in the vicinity of the WWTP. Measurements taken in 1993 indicate that TDS concentrations in the shallow aquifer beneath the municipal WWTP ranged from 546 mg/L in an upgradient well (MW 10) to 732 mg/L in a downgradient well (MW 17) (Montgomery Watson, 1993 Operations Plan and Hydrologic Balance). TDS concentrations were observed in even higher concentrations beneath the food processor percolation ponds with TDS concentrations averaging 991 mg/L in an upgradient well (MW 2, 3 and 9) to 1,047 mg/L in a downgradient well (MW 5) (Montgomery Watson, 1993 Operations Plan and Hydrologic Balance). Therefore, based upon WWTP groundwater monitoring, it appears that land disposal of wastewater (municipal and food process) results in an increase in TDS concentration in the shallow aquifer immediately downgradient of the WWTP.

It is important to note that there is no data available for TDS concentrations in the shallow aquifer outside of the WWTP. Furthermore, land use practices in neighboring properties may contribute to an overall increase in groundwater TDS concentrations.

TABLE 1

SUMMARY OF GROUNDWATER TDS DATA

Well No.	Total Dissolved Solids (mg/L)								
	6/86 - 5/87	6/87 - 5/88	6/88 - 5/89	6/89 - 5/90	6/90 - 5/91	6/91 - 5/92	6/92 - 5/93	6/93 - 5/94	Mean
MW 1	966	(a)	(a)	(a)	(a)	(a)	(a)	(a)	966
2	879	838	820	969	850	899	888	888	879
3	828	862	913	1025	1021	1091	1066	1090	987
4	656	741	733	932	905	1147	882	913	864
5	796	854	859	1009	1144	1069	1013	997	968
6	851	890	894	928	1145	832	642	678	857
7	875	799	771	795	823	841	860	803	821
8	647	691	700	807	844	973	943	912	815
9	819	706	755	690	769	1049	1024	918	841
10	643	419	469	628	514	517	550	507	531
12	748	680	730	677	704	685	692	662	697
13	771	775	801	805	771	717	741	722	763
16	681	(a)	(a)	(a)	(a)	(a)	(a)	(a)	681
17	752	732	777	764	789	706	740	740	750
18	551	(a)	424	401	406	389	487	428	441
19	789	816	790	753	(a)	(a)	(a)	(a)	787
PWS	801	924	961	849	885	1110	1097	1151	972
20	(a)	(a)	804	857	824	841	892	(a)	844

(a) No Data Available

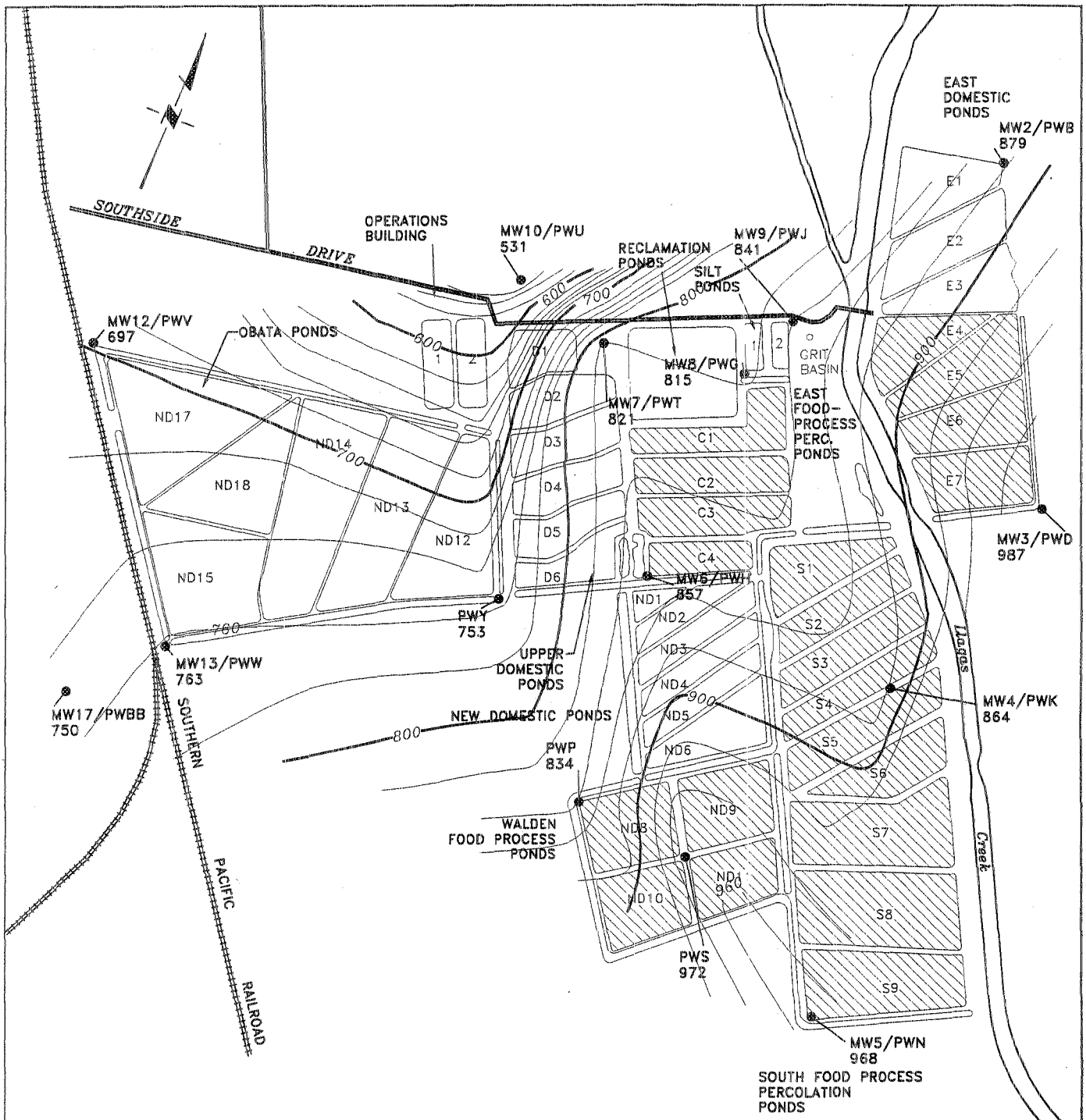


FIGURE 5

TOTAL DISSOLVED SOLIDS - CONCENTRATION GRADIENT

(JUNE 1986 - MARCH 1994)

South County Regional Wastewater Authority

GIL-TDS DWG 6/6/94 - GGH

Deep Aquifer. Review of the historical deep aquifer monitoring well (MW 18) TDS data shows no observable increase in TDS concentrations in the deep aquifer beneath the WWTP. The TDS concentration has remained consistently below 500 mg/L since 1987. This pattern is consistent with that observed for the water supply wells in Gilroy and Morgan Hill.

TOTAL DISSOLVED SOLIDS DEFINITIONS

This section presents definitions of TDS and consumptive TDS.

Total Dissolved Solids Concentration

The dissolved mineral constituents in water constitute the dissolved solids. The total solids (TS) content of a water is defined as all of the matter that remains as residue upon evaporation. The total dissolved solids (TDS) concentration represents the fraction of the total solids that can pass through a filter, typically having a nominal pore size of about 1.2 micrometers (μm). TDS concentration is typically measured as parts per million (ppm) or milligrams per liter (mg/L).

Often, the electrical conductivity (EC) of a water is used as a surrogate measure of TDS concentration. Electrical conductivity is a measure of the salinity of a water and is typically expressed as millimhos per centimeter (mmho/cm) or decisiemens per meter (dS/m) One mmho/cm is equivalent to one dS/m. Electrical conductivity and TDS are directly related and convertible within an accuracy of about 10 percent using the following formula:

$$\text{TDS (mg/L)} = \text{EC (mmho/cm or dS/m)} \times 640 \qquad (1)$$

Conventional water and wastewater treatment processes do not remove the dissolved salts present, and generally pass through a water or wastewater treatment plant unaffected. Reverse osmosis (RO) is a suitable technology for the removal of dissolved salts. However, the RO process involves a relatively high capital and operational cost and requires the waste disposal of a concentrated brine solution which is equal to about 20 percent of the influent rate. For this reason, TDS source reduction is a more economical and practical solution to lowering effluent TDS levels than treatment processes.

Consumptive Use TDS

The wastewater influent TDS consists of background TDS found in the water supply and the additional TDS acquired through the use (industrial, agricultural, rural and urban) of the water. This latter portion of TDS is referred to as "consumptive use" TDS. Typically "consumptive use" TDS is defined as the difference between the wastewater influent TDS and water supply TDS concentration. Two factors are involved in the residential "consumptive use" TDS contribution. Wastewater salt concentrations are increased due to processing of the water through the human body where water is extracted but salts are passed on in urine and feces. Another component of consumptive TDS arises from the release of additional dissolved salts through domestic activities such as bathing, washing and laundering. In general, "consumptive use" results in 150 to 400 mg/L increase in TDS concentrations above water supply TDS levels (Metcalf & Eddy, 1991).

SOURCES OF TOTAL DISSOLVED SOLIDS

This section presents a review of the historical water supply TDS, wastewater effluent TDS and percolation pond groundwater TDS data.

Water Supply TDS

Water supply TDS concentrations represent background levels prior to interaction with residential, commercial and industrial water uses. The Department of Health Services (DHS) has established safe water quality standards termed as Maximum Contaminant Levels (MCLs) for several chemical constituents. The MCL for dissolved solids is 1,000 mg/L. Elevated levels of dissolved solids in drinking water can cause high blood pressure conditions. High TDS levels in industrial applications such as steam boilers result in fouling problems. Therefore, water low in TDS is desirable for domestic and commercial use. The historical TDS trends in the Gilroy and Morgan Hill water supplies are discussed below.

Gilroy. A summary of the historical Gilroy water supply TDS concentrations is presented in Table 2. The TDS data in Table 2 indicates an observable increase in TDS concentration in all of the public drinking water wells for the period of record between 1980 and 1991. Prior to October 1989, TDS concentrations in all wells was less than or equal to 400 mg/L. TDS concentrations in excess of 400 mg/L are observed during the period between October

TABLE 2

SUMMARY OF GILROY WATER SUPPLY WELL TDS DATA

Sampling Date	Public Drinking Water Well TDS (mg/L) (a)								
	1	2	3	4	6	7	8	8A	Average
Apr-1980	323	(b)	(b)	(b)	(b)	(b)	(b)	(b)	323
Jan-1982	(b)	(b)	(b)	(b)	340	350	(b)	(b)	345
Feb-1982	320	290	(b)	(b)	(b)	(b)	(b)	(b)	305
May-1982	(b)	(b)	340	260	(b)	(b)	(b)	(b)	300
Jun-1983	(b)	(b)	(b)	(b)	(b)	380	(b)	(b)	380
Jul-1984	(b)	(b)	(b)	220	320	(b)	(b)	(b)	270
Feb-1985	290	340	(b)	(b)	(b)	(b)	(b)	(b)	315
Jun-1985	(b)	(b)	380	260	320	(b)	(b)	(b)	320
Jun-1986	(b)	(b)	(b)	(b)	(b)	340	(b)	(b)	340
Jan-1988	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	345
Feb-1988	330	370	(b)	(b)	(b)	(b)	(b)	(b)	350
Mar-1988	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	357
Apr-1988	(b)	(b)	430	300	(b)	(b)	(b)	(b)	365
Jul-1988	(b)	(b)	(b)	(b)	350	400	300	(b)	350
Oct-1989	398	378	(b)	335	433	416	320	(b)	380
Oct-1989	(b)	(b)	(b)	(b)	(b)	(b)	404	400	402
Dec-1989	451	399	(b)	415	512	556	435	444	459
Jan-1990	403	410	(b)	415	504	555	472	444	458
Feb-1990	442	396	(b)	383	502	435	408	432	428
Feb-1990	432	383	(b)	411	440	526	432	380	429
Mar-1990	337	395	(b)	373	477	509	406	646	449
Apr-1990	429	328	(b)	352	416	456	363	414	394
May-1990	377	373	(b)	333	415	444	394	470	401
May-1990	421	386	(b)	356	476	539	431	473	440
Jun-1990	375	381	(b)	344	428	471	452	459	416
Jul-1990	399	382	(b)	403	465	472	453	495	439
Jul-1990	431	401	(b)	365	451	525	401	402	425
Oct-1990	443	420	(b)	350	401	452	471	503	434
Nov-1990	401	404	(b)	397	499	492	440	(b)	439
Jan-1991	422	(b)	(b)	367	(b)	456	436	401	417
Jan-1991	340	(b)	(b)	(b)	(b)	(b)	(b)	(b)	340
Feb-1991	412	(b)	(b)	372	420	450	410	406	412
Mar-1991	416	396	(b)	381	(b)	467	412	399	412
Apr-1991	(b)	411	(b)	366	415	(b)	432	403	405
May-1991	366	355	(b)	323	385	(b)	387	403	370
Jun-1991	383	342	(b)	365	413	505	387	400	399
Jul-1991	(b)	(b)	(b)	(b)	360	370	(b)	(b)	365
Mar-1992	(b)	(b)	(b)	(b)	(b)	(b)	(b)	300	300
Mar-1993	299	318	(b)	276	314	354	346	310	317
Sep-1993	296	314	(b)	276	314	348	324	308	311
Mar-1994	336	338	(b)	300	316	340	342	304	325
Average	380	371	383	344	411	446	402	417	395
Maximum	451	420	430	415	512	556	472	646	646
Minimum	290	290	340	220	314	340	300	300	220

(a) TDS values sampled after October, 1989 were calculated using TDS = Conductivity x 0.64.
(b) Not measured

1989 and June 1991. After this period there appears to be a decline from the elevated levels. This trend is noticeable in the graph of average monthly (3-month running average) TDS concentration presented in Figure 6. It is possible that the elevated TDS levels observed between October 1989 and January 1991 are related to reduced groundwater recharge due to the drought that occurred between 1986 and 1992. The City of Gilroy drinking water has a current (March 1994) TDS concentration (12-month average) of 341 mg/L, which exceeds the Basin Plan objective for the Llagas Sub-basin, which is 300 mg/L. Llagas Creek has a TDS objective of 200 mg/L.

Morgan Hill. Water supply TDS data for Morgan Hill is presented in Table 3. While the available data is limited, it appears that TDS increases have been observed in at least six of the thirteen wells. Average concentrations in eleven of the thirteen wells remain below 400 mg/L.

WWTP. The influent wastewater to the WWTP is derived from Gilroy and Morgan Hill water supplies. Since 1992, average water supply TDS concentrations are determined for each city twice each year in March and September. Prior to that date, water supply quality data is available at random intervals. A flow weighted average is developed to determine the average water supply concentration for the WWTP. This water supply TDS value is used in monthly reports to the Regional Board and as the basis for determining permit compliance. Since a weighted average was not available prior to September 1992, the WWTP water supply TDS concentration was assumed equal to the average Gilroy water supply TDS concentration. WWTP water supply TDS concentration was interpolated for periods for which data was unavailable. The WWTP water supply TDS concentration is presented in Table 4.

Wastewater Effluent TDS

A composite sample of WWTP effluent TDS is currently taken quarterly as required by the RWQCB Order No. 92-20. A summary of WWTP effluent TDS concentrations is presented in Table 4 along with information on flow and representative water supply TDS levels. This data is presented graphically in Figure 7. Plotted along with effluent TDS concentration is the water supply TDS concentration as well as the regulatory limits that limit effluent TDS levels to either water supply TDS concentration plus a consumptive use of 425 (as is in place currently) or 370 (as proposed). It should be noted that the TDS data presented in Figure 7 prior to 1990 were calculated from electrical conductivity and

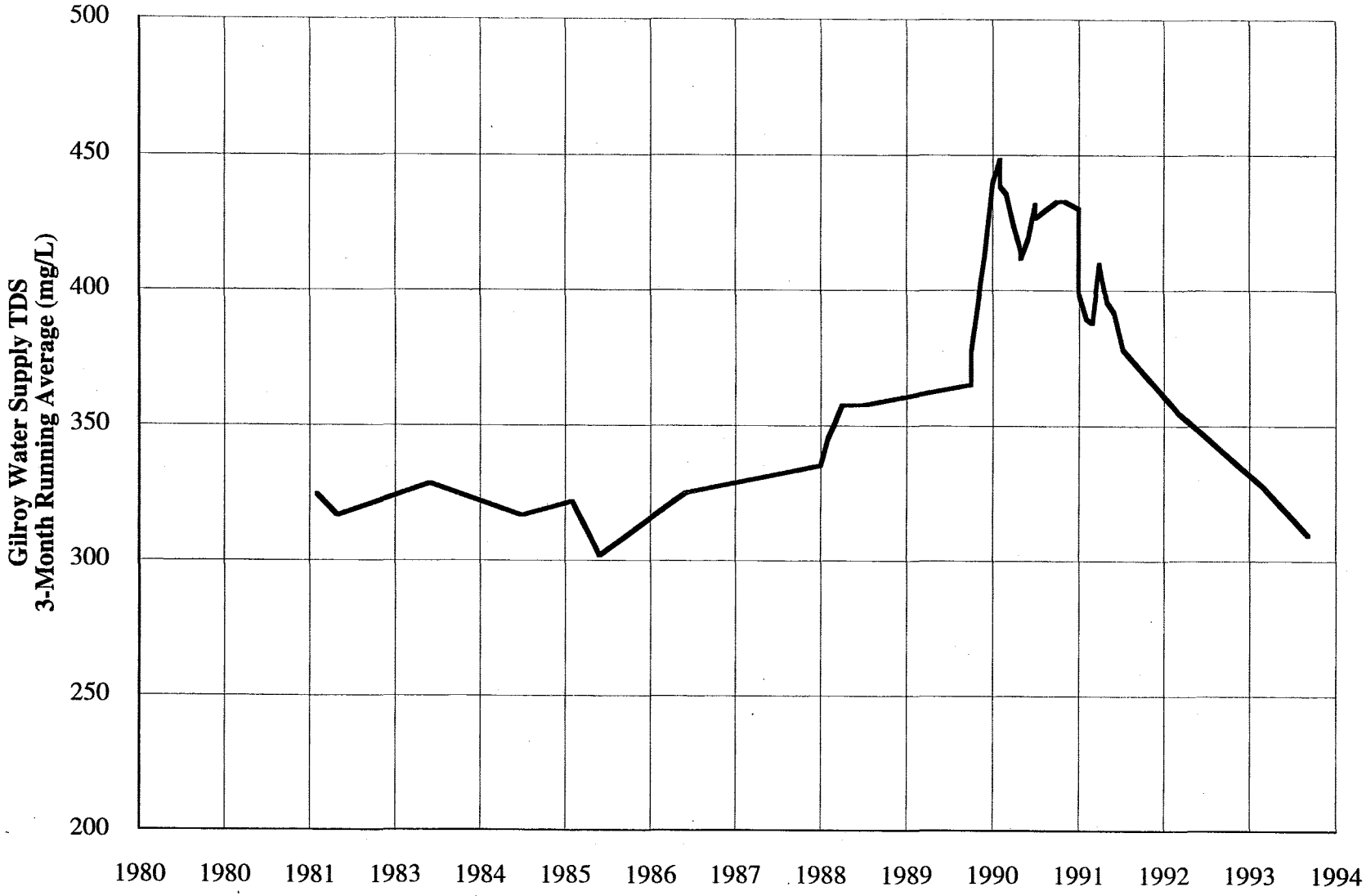


FIGURE 6
AVERAGE GILROY WATER SUPPLY TDS

TABLE 3

SUMMARY OF MORGAN HILL WATER SUPPLY WELL TDS DATA

Well	TDS (mg/L)					
	Sampling Date			Average	Maximum	Minimum
	March-1993	September-1993	March-1994			
Burnett	368	450	468	429	468	368
Boy's Ranch 1	354	(a)	394	374	394	354
Boy's Ranch 2	366	404	390	387	404	366
Boy's Ranch 3	376	406	408	397	408	376
Cochrane	390	418	422	410	422	390
Condit	390	342	382	371	390	342
Diana 1	(a)	344	320	332	344	320
Diana 2	352	378	370	367	378	352
Dunne Well	(a)	350	354	352	354	350
Jackson 1	312	358	324	331	358	312
Jackson 2	372	(a)	368	370	372	368
Main Well	298	316	332	315	332	298
Tennant	282	316	306	301	316	282
Average	351	371	372	364	380	344

(a) Data not available.

TABLE 4

WWTP EFFLUENT TDS DATA

Month	Total Monthly Flow (MG)	Effluent TDS (a)		WWTP Water Supply TDS (b) (mg/L)	Consumptive TDS (mg/L)
		(mg/L)	(1,000 lbs/month)		
Jan-1988	150	680	850	345	335
Feb-1988	139	621	719	350	271
Mar-1988	148	666	823	357	309
Apr-1988	143	612	730	365	247
May-1988	152	736	934	360	376
Jun-1988	152	730	926	355	375
Jul-1988	157	864	1,132	350	514
Sep-1988	151	680	856	353	327
Oct-1988	158	704	925	356	348
Nov-1988	152	640	812	359	281
Dec-1988	156	690	898	362	328
Jan-1989	155	765	990	365	400
Feb-1989	136	749	850	368	381
Mar-1989	146	752	916	371	381
Apr-1989	137	772	880	374	398
May-1989	143	817	975	377	440
Jun-1989	141	746	878	380	366
Jul-1989	150	746	933	383	363
Aug-1989	148	752	926	386	366
Sep-1989	143	714	852	389	325
Oct-1989	146	702	855	391	311
Nov-1989	140	768	897	425	343
Dec-1989	142	620	735	459	161
Jan-1990	145	690	833	458	232
Feb-1990	131	690	757	429	261
Mar-1990	143	690	826	449	241
Apr-1990	136	690	786	394	296
May-1990	141	690	810	401	289
Jun-1990	136	716	814	416	300
Jul-1990	144	716	862	432	284
Aug-1990	143	716	857	432	284
Sep-1990	140	720	842	433	287
Oct-1990	143	720	858	434	286
Nov-1990	138	720	827	439	281
Dec-1990	144	742	889	409	333
Jan-1991	146	742	904	378	364
Feb-1991	132	742	817	412	330
Mar-1991	150	718	901	412	306
Apr-1991	148	718	885	405	313
May-1991	142	718	851	370	348
Jun-1991	133	808	895	399	409
Jul-1991	138	808	932	365	443
Aug-1991	140	808	941	357	451
Sep-1991	137	648	742	349	299
Oct-1991	141	648	762	341	307
Nov-1991	135	648	728	333	315
Dec-1991	141	658	776	325	333
Jan-1992	143	658	784	317	341
Feb-1992	147	732	896	309	423
Mar-1992	149	732	910	300	432
Apr-1992	141	718	847	307	411
May-1992	140	718	841	307	411
Jun-1992	144	718	865	307	411
Jul-1992	154	728	936	307	421
Aug-1992	150	705	880	307	398
Sep-1992	143	657	785	307	350

TABLE 4

WWTP EFFLUENT TDS DATA (Continued)

Month	Total Monthly Flow (MG)	Effluent TDS (a)		WWTP Water Supply TDS (b) (mg/L)	Consumptive TDS (mg/L)
		(mg/L)	(1,000 lbs/month)		
Oct-1992	147	683	836	307	376
Nov-1992	143	721	860	307	414
Dec-1992	152	721	917	307	414
Jan-1993	183	666	1,018	307	359
Feb-1993	157	680	892	307	373
Mar-1993	170	634	899	319	315
Apr-1993	158	697	919	319	378
May-1993	152	681	862	319	362
Jun-1993	132	647	713	319	328
Jul-1993	135	782	878	319	463
Aug-1993	155	810	1,047	319	491
Sep-1993	141	695	818	335	360
Oct-1993	148	702	868	335	367
Nov-1993	141	727	857	335	392
Dec-1993	154	717	923	335	382
Jan-1994	155	747	965	335	412
Feb-1994	143	735	879	335	400
Mar-1994	163	713	969	341	372
1988 Average	151	693	873	356	337
1989 Average	144	742	891	389	353
1990 Average	140	708	830	427	281
1991 Average	140	722	845	370	352
1992 Average	146	708	863	307	400
1993 Average	152	703	891	322	381
1994 Average (Jan - Mar)	154	732	938	337	395
Average (1/88 - 3/94)	146	714	868	361	353

(a) Effluent TDS values sampled before Jan-90 were calculated using TDS = Conductivity x 0.64.
(b) Flow weighted average from September 1992 to present. Prior to September 1992 the value is estimated as the average Gilroy water supply concentration.

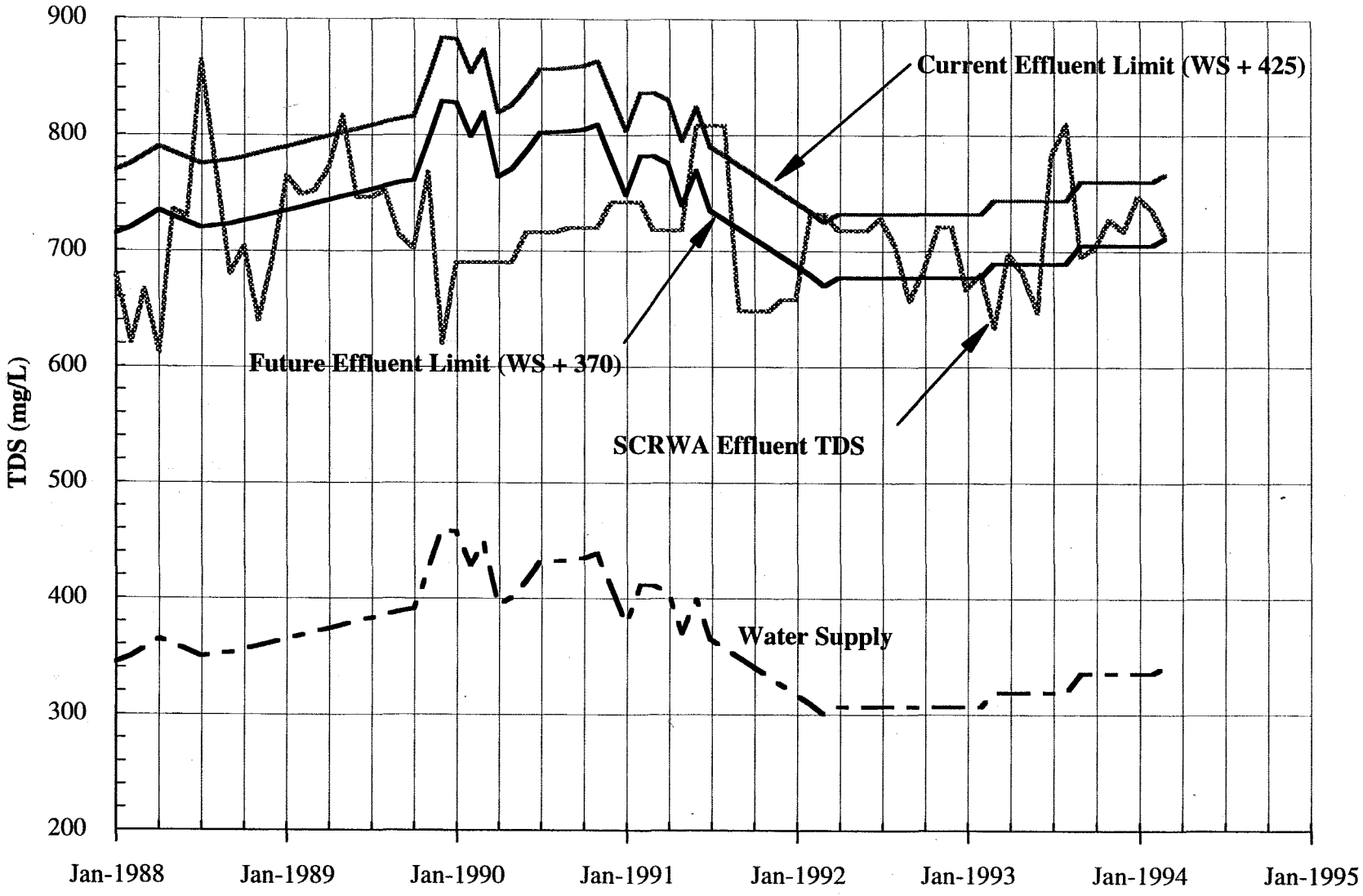


FIGURE 7
TDS LEVELS AT SCRWA WWTP

therefore may be less consistent than data available after 1990. It should also be noted that water supply TDS data prior to September 1992 is assumed to equal the Gilroy water supply TDS concentration as discussed above.

From this plot it can be seen that the effluent discharge has generally been in compliance with the water supply plus 425 mg/L limit. The WWTP has been able to meet the proposed water supply plus 370 mg/L limit in the past, although recent data indicate that without further reductions in TDS loadings to the WWTP, compliance with the limit would be difficult to achieve on a consistent basis. While the average consumptive use TDS concentration over the period between January 1988 to March 1994 was measured to be 353 mg/L, analysis of the TDS data for the last three years indicates consumptive use TDS concentrations in excess of the proposed 370 mg/L limit.

TDS Contributions from Municipal and Industrial Facilities. Efforts to lower TDS concentrations in the wastewater effluent must focus on lowering the TDS concentrations in the influent since TDS reduction within the WWTP is negligible. Although municipal and industrial flows contribute less than 10 percent of the overall flow to the WWTP (Gilroy Fire Department Chemical Control Division), these facilities may be a source for significant TDS reductions. Industrial flow contributions are expected to increase slightly to 13 percent of the total plant flow by 2008 (EIR for the Long Term Wastewater Management Plan, 1990).

The Gilroy Fire Department's Chemical Control Division has conducted random grab sampling of TDS from commercial, industrial and residential users of the sewer system since June 1992 to identify sources of high level TDS contributions to the WWTP. The information compiled from this work is presented in Table 5 and represents a partial, random survey of municipal and industrial facilities in Gilroy. The Chemical Control Division estimates that the facilities sampled on Table 5 represent less than 10 percent of the total number of facilities.

The majority of industrial facilities sampled had TDS concentrations in excess of the WWTP effluent TDS. Therefore industrial facilities contribute a greater share of WWTP TDS loadings than they account for in flow. This indicates that significant reductions in TDS loadings can be achieved by focusing on reducing or restricting discharges of certain categories of users based on either high TDS concentrations or high flows.

TABLE 5

COMMERCIAL AND INDUSTRIAL FACILITY SAMPLING SUMMARY (a)

Sample Date	Name	Type	TDS (mg/L)	Estimated Flows
Commercial Facilities				
Feb-1-93	Gilroy Unified School District	Maintenance	582	500 gpd
Industrial Facilities				
Jun-24-92	Wiltron, MH - Bldg. 1	Electronics	120	NA
Jul-23-92	Wiltron, MH Clean & Finish	Electronics	210	NA
Sep-29-92	Dusan	Electronics	570	NA
Jul-28-93	Wiltron	Electronics	350	NA
Sep-21-93	Dusan Corp.	Electronics	539	NA
Feb-1-93	Blossom Valley	Food Processor	1,517	2,500 gpd
Dec-23-92	Cintas	Laundry	1,200	NA
Apr-6-93	Cintas	Laundry	11,000	NA
Apr-14-93	Lohmar	Laundry	1,400	371,000 gpd
Jun-10-93	Lohmar	Laundry	1,430	370,000 gpd
Feb-4-93	Ratek	Machine Shop	132	NA
Feb-4-93	Ratek	Machine Shop	432	NA
Mar-5-93	Germain Seeds	Seed Processor	1,016	1,460 gpd
Mar-15-93	Germain Seeds	Seed Processor	8,972	1,460 gpd
Mar-25-93	Germain Seeds	Seed Processor	1,090	1,460 gpd
Apr-12-93	Germain Seeds	Seed Processor	1,650	1,500 gpd
Apr-15-93	Germain Seeds	Seed Processor	2,256	1,500 gpd
Sep-12-93	Germain Seeds	Seed Processor	6,508	1,500 gpd
Feb-1-93	Servisoft	Water Softener	3,186	350 gpd
Sewers				
Jan-15-93	Manhole	Manhole	440	NA
Feb-1-93	Manhole	Manhole	1,146	NA
Feb-1-93	Manhole	Manhole	1,582	NA

(a) Data provided by Gilroy Fire Department Chemical Control Division.

TDS Contributions From Residential Water Softeners. Residential water softeners have been known to be a significant source of TDS loadings to WWTPs, particularly in areas serving residential communities with a hard water supply. The Irvine Ranch Water District (IRWD) estimates that 36 percent of the homes in their service area have water softeners. The City of Vacaville estimates that at least 75 percent of the residences and commercial buildings use water softeners (DWR, Investigation of Cause of Increase in Chloride Concentration, 1981). The exact extent and impact of water softener use in the Gilroy community is not known, although it can be estimated from the available information.

Water softeners remove the positively charged ions that contribute to hardness. They must be periodically regenerated to restore the capacity of the unit. In the case of self-regenerative water softeners, this is accomplished by rinsing the unit with a sodium chloride solution. This results in a discharge high in TDS concentration. A study performed for IRWD estimated an increase in TDS of between 285 and 432 mg/L from the use of residential self-regenerative water softeners. Other forms of water softeners are available that have a smaller impact on TDS loadings. A cartridge water softener exists that allows off-site regeneration, thus minimizing the amount of TDS increase in the residential waste stream. The same IRWD study estimated an increase of between 6 and 15 mg/L in TDS levels from these softeners.

The water supply in Gilroy has historically been considered very hard. Between 1980 and 1988, hardness in the Gilroy water supply averaged 222 mg/L as $CaCO_3$. The March 1994 water supply hardness averaged 206 mg/L for Gilroy and 248 mg/L for Morgan Hill. A hardness between 180 mg/L to 350 mg/L is considered very hard, while hardness must be reduced to less than 60 mg/L to be considered soft (Civil Engineering Reference Manual, 1992). An informal survey of local water softening companies indicates that there are several thousand residences with water softening devices, roughly half of which are self-regenerative systems. Based on this information, it can be assumed that between 15 and 40 percent of the residences in the Gilroy-Morgan Hill area use some form of self-regenerative water softening. However, a detailed investigation is required to accurately estimate the use of regenerative water softeners in the Gilroy - Morgan Hill area.

TDS Contributions From Residential Pools. Several residential swimming pools were sampled as part of the 1993 sampling program. This information is presented on Table 6. It can be seen that the residential swimming pools had TDS concentrations that

TABLE 6

RESIDENTIAL FACILITY SAMPLING SUMMARY (a)

Sample Date	Name	Type	TDS (mg/L)	Estimated Volume
Residential Facilities				
Apr-6-93	Oaks Apt	Pool	2,800	25,000 gal
May-1-93	Jeff Waterson	Pool	2,600	25,000 gal
May-11-93	T. Kerns	Pool	2,600	18,000 gal
May-11-93	Robert Humber	Pool	2,200	25,000 gal
May-19-93	753 Gettysburg	Pool	2,800	10,000 gal
May-24-93	8205 Wayland	Pool	4,900	22,000 gal
Jun-10-93	Howell	Pool	3,100	15,000 gal
Jun-30-93	Dickenson	Pool	1,898	15,000 gal
Jul-16-93	R. Chavez	Pool	1,888	25,000 gal
Jul-28-93	Tom Lister	Pool	1,520	25,000 gal
Aug-5-93	Jolie Church	Pool	760	500 gal
Aug-18-93	John McCarry	Pool	860	18,000 gal
Sep-7-93	Rich Inler	Pool	1,800	17,000 gal
Sep-15-93	Doug Nelson	Pool	1,600	13,000 gal
Nov-16-93	P. Calempong	Pool	3,000	45,000 gal
Nov-18-93	Gary Toscans	Pool	4,800	18,000 gal
Nov-18-93	I. Geron	Pool	4,900	20,000 gal
Dec-9-93	S. Bakowski	Pool	7,050	20,000 gal

(a) Data provided by Gilroy Fire Department Chemical Control Division.

ranged between 760 mg/L and 7,050 mg/L. The Fish and Game Department bans the discharge of swimming pools to the storm drain due to potential impacts (from chlorine) to fish and wildlife in the receiving environment. Therefore, swimming pools will continue to be discharged to the WWTP. It should be recognized that swimming pool draining occurs infrequently (about once per year per household) and is expected to cause some TDS increase at the WWTP. In any event, TDS contributions from swimming pools is expected to be a small fraction of WWTP influent TDS loads. Therefore it is unlikely that efforts to reduce WWTP effluent TDS by restricting pool discharges would result in significant decreases in overall TDS loadings.

TDS Contributions from Water Conservation. Increased TDS concentrations could also result from the success of the Cities' water conservation programs. In the past several years, California has experienced severe drought conditions and Gilroy and Morgan Hill have adopted water conservation measures (See Appendix A). For example, new housing in the service area built since 1992 is required to be fitted with low-flush toilets. The decrease in wastewater flows due to water conservation measures results in increased TDS concentrations, but per capita mass TDS loading is expected to remain unchanged. To verify this assumption, a review of the service area (Gilroy and Morgan Hill) population between 1985 and 1993 is presented in Table 7 along with the related water supply, WWTP effluent TDS and consumptive TDS concentrations and loadings.

A time-series plot of the mass TDS loadings (water supply and consumptive use) versus the service area population is graphically presented in Figure 8. Contrary to the assumptions stated above, it appears that consumptive TDS loadings have declined over this period. Since 1985, consumptive TDS loadings have fallen an average of at least 4 percent per year despite a corresponding 3 percent average growth rate. It is important to note that consumptive TDS loadings decreased from 1985 to 1990, after which time they have returned to 1990 levels. This trend can be attributed to significant changes in water consumption patterns in residences, industry and commercial facilities. A possible explanation for decreased mass TDS loadings could be the result of reduced commercial/industrial discharges. It should be noted that the Authority has an active pretreatment/source control program that regulates commercial/industrial discharges to the WWTP.

TABLE 7

CONSUMPTIVE TDS TRENDS WITH SERVICE AREA POPULATION

Year	Population			Average Daily Per Capita Water Consumption (a)	Average Water Supply TDS (b)			Average WWTP Effluent TDS			Consumptive Use TDS (c)		
	Gilroy	Morgan Hill	Total	(gal/cap/day)	(mg/l)	(lb/day)	(lb/capita/day)	(mg/l)	(lb/day)	(lb/capita/day)	(mg/l)	(lb/day)	(lb/capita/day)
1985	26,132	19,918	46,050	193	318	23,551	0.51	898	66,610	1.45	581	43,059	0.94
1986	26,892	20,803	47,695	198	340	26,798	0.56	683	53,832	1.13	343	27,034	0.57
1987	27,459	21,450	48,909	200	348	28,395	0.58	685	55,923	1.14	337	27,527	0.56
1988	28,847	22,400	51,247	199	356	30,270	0.59	693	58,984	1.15	337	28,714	0.56
1989	29,534	23,823	53,357	165	389	28,583	0.54	742	54,520	1.02	353	25,937	0.49
1990	31,487	23,928	55,415	165	427	32,589	0.59	708	54,029	0.97	281	21,440	0.39
1991	31,769	24,728	56,497	143	375	25,260	0.45	722	48,683	0.86	347	23,423	0.41
1992	31,909	25,064	56,973	152	307	22,219	0.39	708	51,171	0.90	401	28,952	0.51
1993	32,695	25,703	58,398	150	325	23,780	0.41	702	51,322	0.88	377	27,542	0.47

(a) Data supplied by and represents the City of Gilroy.
(b) After September 1992 TDS concentration is based on flow weighted average. Prior to that date, data is based on Gilroy water supply TDS concentration.
(c) Consumptive Use is defined as Effluent TDS - Water Supply TDS

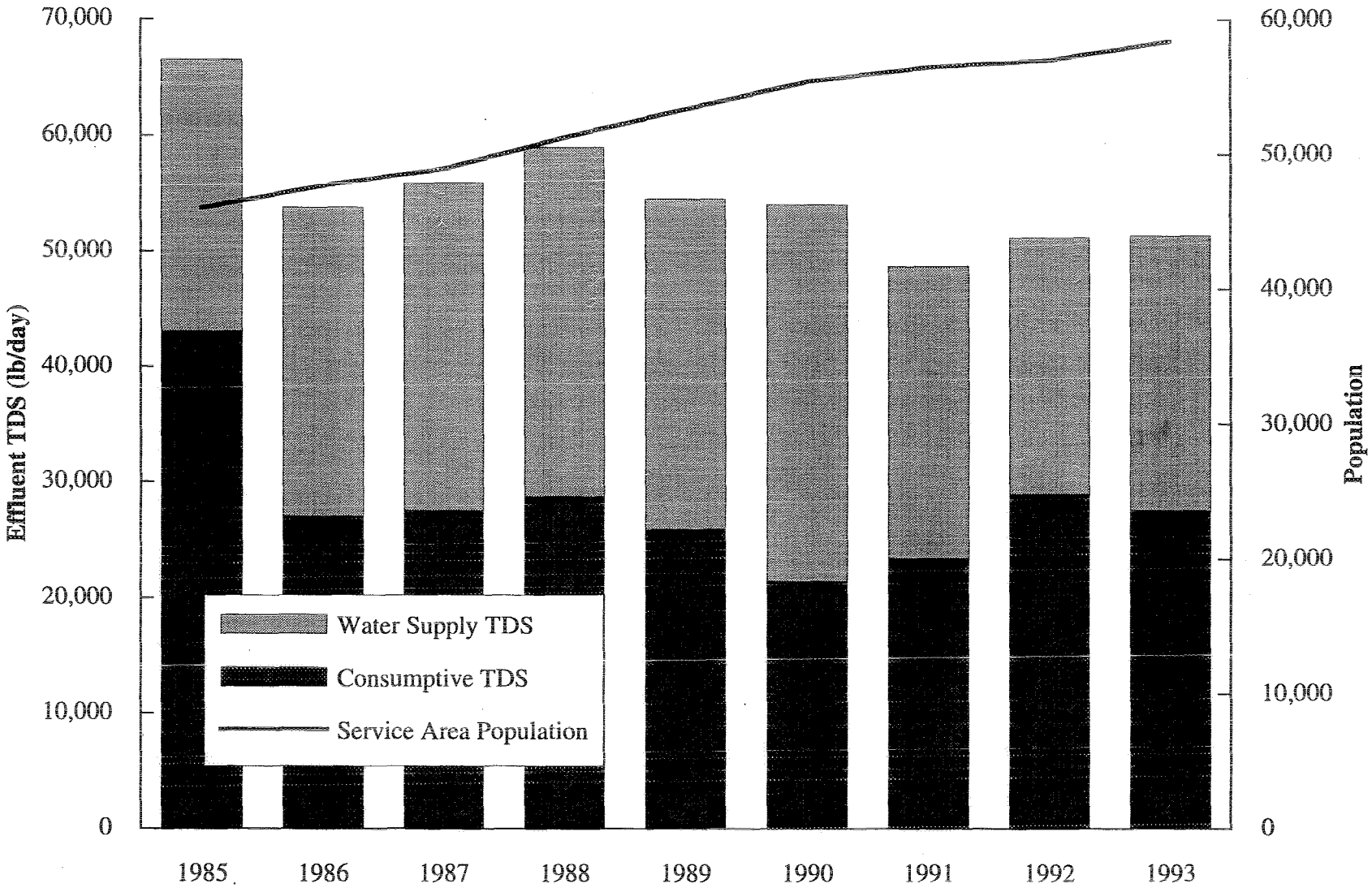


FIGURE 8
CONSUMPTIVE AND WATER SUPPLY TDS CONTRIBUTIONS VERSUS TIME AND POPULATION

Food Process Effluent TDS

The annual food process wastewater loading is significantly lower than municipal effluent and averages about 135 million gallons per year. In 1993, food process wastewater TDS concentration had a weighted average of 1,747 mg/L. This corresponds to an average annual TDS load of 984 tons. Although this is less than one-fifth the municipal wastewater annual TDS loading, on a monthly basis the FPWF TDS loading is three-fourths the municipal WWTP monthly TDS loading. As noted above in the discussion on groundwater, TDS concentrations are highest beneath the food process ponds. Therefore, FPWF wastewater represents another significant source of TDS. A comparison of municipal WWTP and FPWF effluent flow and TDS loading is presented in Figure 9.

The TDS in the food process effluent (from Gilroy Canning) varies as a result of several factors such as the type of canning operations, ripeness of the fruit, quantity of tomatoes processed, amount of soil transported with the tomatoes, chemicals used for housekeeping and equipment cleanup and water use practice. During the past few years, Gilroy Canning has made concerted efforts to reduce the total water consumption. This practice has a negative impact on overall TDS concentration. However, improved canning operations could potentially reduce the overall TDS discharge to the FPWF.

METHODS TO REDUCE TDS

Having identified major contributors of TDS loadings to the WWTP, it is necessary to determine practical approaches for mitigating or reducing these loadings. Since additional TDS removal through the WWTP process is not feasible, other methods of TDS control must be considered. These are identified below for each of the major TDS contributors. This section is intended as an identification of the strategies that can be employed in TDS mitigation efforts, and not as a detailed description of the efforts themselves. Further investigation into the implementation and methods for TDS control is recommended.

Commercial and Industrial Sources

The random effluent TDS sampling program conducted by the Chemical Control Division has demonstrated its effectiveness in identifying sources of high TDS discharges. It is recommended that this program be continued as it enables high TDS dischargers to be targeted for TDS reductions. This can be achieved through the creation of source control

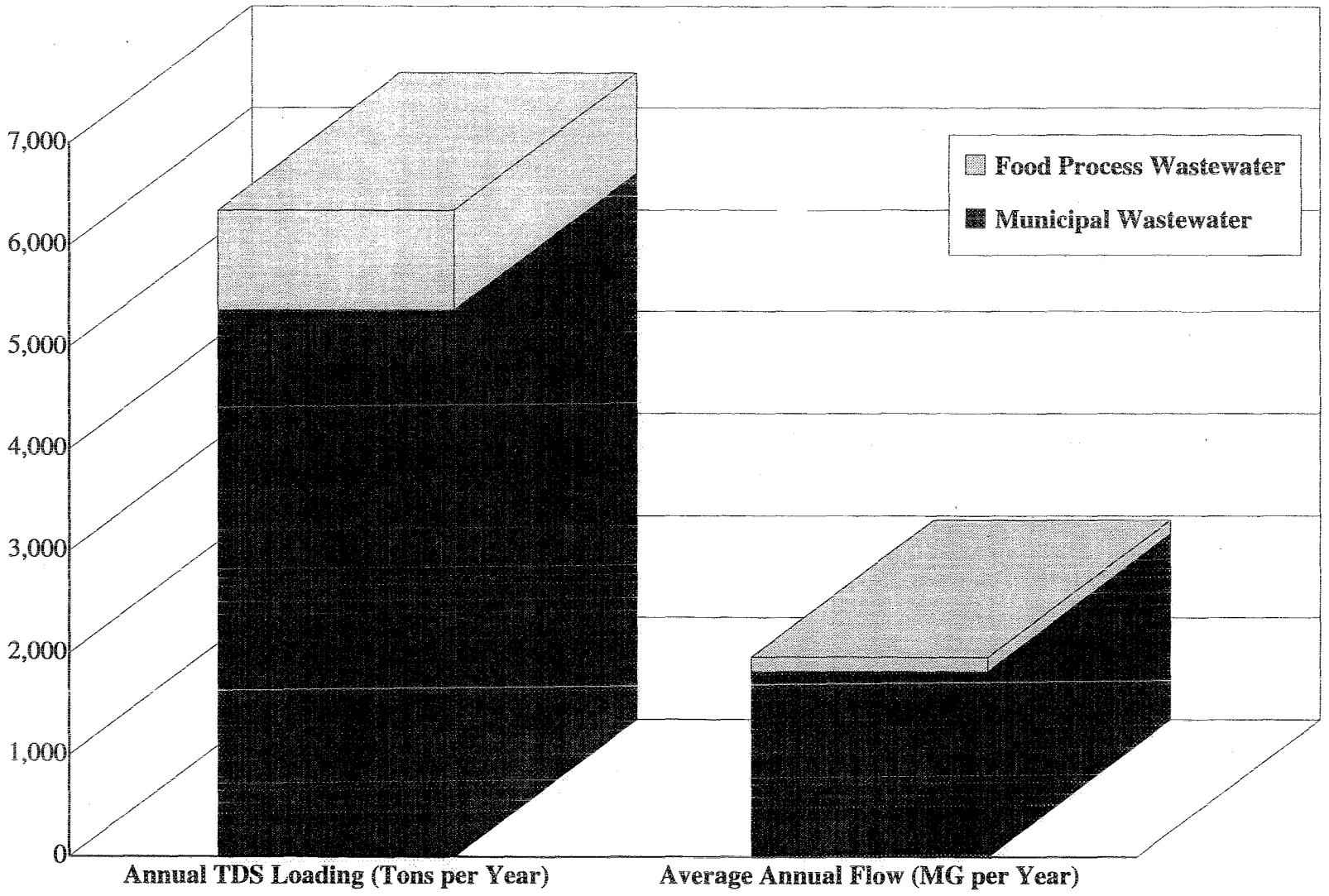


FIGURE 9
COMPARISON OF MUNICIPAL AND FOOD PROCESS WASTEWATER FLOW AND TDS LOADING

and/or pretreatment requirements. In many cases, TDS discharges can be significantly reduced through the implementation of best management practices (BMPs). It is recommended that the Authority identify BMPs for the reduction of TDS and assist commercial and industrial facilities with implementation of these BMPs.

Residential Sources

As mentioned earlier, self-regenerative water softeners can have a significant impact on the TDS loadings to the WWTP. Methods to reduce the impact from this TDS source include an ordinance banning the use of self-regenerative water softeners and public education, or a combination of the two. A TDS ordinance can be effective at preventing future installation of water softening devices. However, in order to be effective, some form of water softening alternative, such as cartridge filters or off-site water softening services, must be available to replace the banned unit. In any case, a TDS mitigation program is more likely to be successful with a public that is informed of the impact of their water softening devices on the local environment. Further discussion of TDS ordinances is presented in a later section.

Food Processing

For the period for which the food processing facility is operational, food process wastewater represents a significant TDS load at the WWTP. It is recommended that the Authority work with the food processor to identify BMPs and good housekeeping practices that can result in reductions in TDS loadings to the WWTP.

SURVEY OF MUNICIPAL EFFLUENT TDS DATA

A survey of 31 municipal WWTPs was conducted to provide comparison of TDS concentration data with the Authority's municipal wastewater influent. The WWTPs were contacted to determine their effluent and water supply TDS concentrations, effluent receiving environment and drinking water supply data. This information is summarized in Table 8 along with the Authority's WWTP data.

Of the thirty-one WWTPs surveyed, only two WWTPs had a limit imposed on their effluent TDS concentration. These were Chino Basin Regional WWTPs No. 1 and 2, which discharge to a tributary of the Santa Ana River. While the TDS limit for the two

TABLE 8

RESULTS OF DRINKING WATER AND MUNICIPAL EFFLUENT TDS SURVEY

Facility Name	Effluent Receiving Environment	Effluent TDS (mg/l)	Drinking Water TDS (mg/l)	Drinking Water Source (a)	Calculated Consumptive Use TDS (b) (mg/l)
South County Regional WWTP	Land	708 (c)	317	GW	391
Metcalf & Eddy	--	250 - 850 (e)	--	--	150 - 400 (f)
1 Ridgemark Estates WWTF	Land	2,200 - 2,300	700 - 750	GW	1,500
2 City of Soledad WWTP (d)	Land	973	530	GW	440
3 San Jerado, Inc.	Land	610 - 730	365	GW	245 - 365
4 Chular County San. District	Land	NA	200 - 400	GW	NA
5 City of Hollister	Land	1,100	900 - 1,000	GW	100 - 200
6 King City WWTP	Land	920	388	GW	532
7 U.S. Army Fort Hunter Liggett	Land	400 - 500	NA	NA	NA
8 Laguna Seca WWTP	Land	800	200 - 400	GW	400 - 600
9 Las Palmas WWTP	Land	800	200 - 400	GW	400 - 600
10 Carmel Valley Ranch WWTP	Land	800	200 - 400	GW	400 - 600
11 San Ardo Water District	Land	595	338	GW	260
12 City of Manteca	Land/River	614	265	GW	349
13 Eastern Municipal Water District	Land	650	400 - 580	SW,GW	70 - 250
14 Palo Alto RWQCP	Bay	800 - 900	<50	SW, GW	750 - 850
15 Delta Diablo San. District	Bay	913	430	SW	480
16 San Francisco SEWPCP	Bay	1789	31 - 162	SW	1630 - 1760
17 EBMUD WWTP	Bay	NA	67	SW	NA
18 Contra Costa Central San. Dist.	Bay	600	414	SW	186
19 Fairfield - Suisuin San. District	Bay	750	350	SW	400
20 City of Vacaville	Delta	583	40 - 400	SW, GW	180 - 540
21 Monterey Regional WWTP	Ocean	900	NA	GW	NA
22 San Diego WWTP	Ocean	1130	500	SW	630
23 San Francisco RSWPCP	Ocean	663	31 - 162	SW	501 - 632
24 San Jose WPCP	Bay	700 - 900	220	SW, GW	480 - 680
25 Chino Basin Region Plant #1 (g)	River	499	278	SW	221
26 Chino Basin Region Plant #2 (h)	River	584	321	SW	263
27 Roseville Regional WWTP	River	433	63	SW	370

TABLE 8

RESULTS OF DRINKING WATER AND MUNICIPAL EFFLUENT TDS SURVEY (Continued)

Facility Name	Effluent Receiving Environment	Effluent TDS (mg/l)	Drinking Water TDS (mg/l)	Drinking Water Source (a)	Calculated Consumptive Use TDS (b) (mg/l)
28 Ojai Valley Sanitary District	River	1,500	370 - 700	SW, GW	800 - 1,130
29 Simi Valley County San. District	River	800 - 1100	400 - 3,000	SW, GW	NA
30 City of Henderson, NV	Lake	1,250 - 1,500	600 - 700	SW	550 - 900
31 City of Farmington, NM	River	741	346	SW	395

(a) GW - groundwater, SW - surface water
(b) Consumptive use is defined as the difference between effluent TDS and drinking water TDS.
(c) Average from Jan 1992 to March 1994.
(d) Flow from the Soledad Correctional Facility's WWTF will be diverted to the City of Soledad's WWTP beginning June, 1995.
(e) Metcalf & Eddy, 3rd ed., Table 3-16
(f) Metcalf & Eddy, 3rd ed., Table 3-19
(g) Chino Basin Regional Plant No. 1 has a TDS limit of 515 mg/L imposed on them by the Regional Board.
(h) Chino Basin Regional Plant No. 2 has a TDS limit of 610 mg/L imposed on them by the Regional Board.
NA - Not available

Chino Basin WWTPs are set as fixed limits, TDS limits for the other six WWTPs in the Santa Ana River Basin are set as water supply plus a consumptive TDS of 250 mg/L.

As shown in Table 8, the Authority's wastewater consumptive use TDS concentration is about 391 mg/L, within the range of typical consumptive TDS concentrations. Of the 31 WWTPs surveyed, at least 16 had average consumptive TDS concentrations greater than that observed in Gilroy. The consumptive use TDS concentration at the remaining WWTPs was similar in magnitude to that observed in Gilroy, with only 9 plants having lower consumptive use TDS concentrations. Of the 13 WWTPs surveyed that discharge to the land, many of which are located in the Central Coast Region, 6 had consumptive TDS concentrations greater than that observed at Gilroy, with the remainder having similar or lower consumptive TDS concentrations than that observed at Gilroy.

It is also interesting to note that almost all of the WWTPs that discharge effluent to surface waters (*e.g.*, river, bay, ocean) appear to have equal or greater consumptive use TDS concentrations than the Authority's municipal wastewater. This may be due to the heavier concentration of population and industry found near coastal and surface water environments. This survey confirms that the Authority's wastewater TDS characteristics are within the range of typical municipal wastewater and does not have unusually high TDS levels.

REVIEW OF TDS MITIGATION ORDINANCES

Recently, there has been considerable attention on state and local ordinances related to the residential use of self-regenerating water softeners as potential sources of significant TDS contributions. This section presents a brief overview of state and other local ordinances associated with the residential use of water softeners. The ordinance review is presented below.

California Health and Safety Code

Chapter 7.8, Part 1 of Division 5 of the California Health and Safety Code (Code) places restrictions on the installation of residential self-regenerating water softening devices in areas served by sewage treatment plants which have been limited with regard to salt loading pursuant to the Porter-Cologne Water Quality Control Act. Under the Code, water softening appliances must either be maintained such that the regeneration of the appliance is

performed at a nonresidential facility or the device must meet a specified salt efficiency level and the installation of the device must be accompanied by the simultaneous installation of specified conditioned water conservation devices. A copy of the Code is included in Appendix B.

Northern Metropolitan San Diego System

Effluent TDS concentrations from the North Metro System have increased during recent years. Current TDS levels are in excess of concentrations determined to be suitable for water reclamation uses. An average effluent TDS concentration of 1,130 mg/L has been observed with concentrations ranging as high as 2,400 mg/L. It is thought that much of the increase in TDS is due to recent drought conditions, increases in background TDS levels in the water supply (a blend of Colorado River and State Project water) and industrial, commercial and residential discharges. Northern Metro has proposed a series of salinity control measures including operational and managerial changes to reduce these levels. Brine discharges to the wastewater system have been restricted as part of the model water reclamation ordinance set for the system.

A number of agencies (Poway - Ordinance No. 290, Escondido - Ordinance No. 91-3) have adopted ordinances that restrict the use of permanent, self-regenerating water softeners and also have effective industrial discharge programs to reduce salinity in the wastewater. Currently, the ordinances have not been actively enforced. A court case (City of Escondido vs. Pacific Water Quality Association) is in progress with respect to water softener use in individual homes. The outcome of this case may impact the effectiveness of these ordinances.

Irvine Ranch Water District

Irvine Ranch Water District (IRWD) has an active wastewater reclamation program. In order to ensure the quality of reclaimed water, IRWD has issued an ordinance on self-regenerative water softeners. Brine waste discharge from such a water softener is prohibited along with the installation of such units. A copy of the IRWD ordinance is presented in Appendix B along with a copy of telephone conversation notes with IRWD staff. IRWD staff indicated that with over 85 percent of the total WWTP flow contributed from residences, control of self-regenerative water softeners is the single most useful

method of TDS control. They indicated that there are several key issues that make their control of TDS effective.

- IRWD has a long standing reclamation system that is highly visible and has a high reclamation education program. Another key is that Irvine had the ordinance in effect well before major development took place.

- The City of Irvine also adopted the ordinance, allowing the City to use its police powers to have water softeners taken out.

- Other water softening options are readily available. These include cartridge water softeners and companies that periodically collect brine.

- A provision for WWTP approval on transfer of ownership deals enables the removal of previously installed water softeners without direct intervention.

Summary

Based on the informal survey of communities with TDS mitigation ordinances in effect, it appears that an ordinance can be a useful TDS control for the Authority. However, the usefulness of such a measure is limited by pending legal decisions and the method of implementation. If a TDS ordinance is chosen for implementation, it would likely benefit by incorporating several of the measures included in the IRWD ordinance described above.

APPENDIX A

CITY OF GILROY WATER REDUCTION PROGRAM

REVISED

CITY OF GILROY
1991
WATER REDUCTION PROGRAM

Water Uses Prohibited:

1. Water waste, including, but not limited to, flooding or runoff on sidewalks, driveways, streets, gutters and similar outdoor surfaces.

2. Cleaning/washing of sidewalks, driveways, filling station aprons, patios, porches, parking lots or other paved or hard-surfaced areas, except for cleaning/washing for health purposes, as required by the Public Health Code.

3. Washing of the exterior of dwellings, buildings and structures with the exception of window washing and washing in direct conjunction with the painting of the structure.

4. Use of water through a hose without a positive automatic or manual shutdown valve on the outlet end of the hose. Commercial automobile washing is permitted when water is recycled within an approved tolerance.

5. Operation of decorative fountains, unless they utilize a recirculating system.

6. Use of water for construction purposes, such as consolidation of backfill, unless no other source of water or method can be used.

7. Waste of water due to broken or defective plumbing, sprinklers, and watering/irrigation systems.

8. Restaurant water service unless upon request.

9. Hydrant flushing, except where required for public health and safety.

10. Re-filling of existing private pools, except to maintain water levels. (Solar blankets/covers are recommended.)

11. Outside landscape irrigation for any residential, business or industrial purpose between the hours of 10:00 a.m. and 6:00 p.m.

    a. Drip irrigation systems and the use of reclaimed water are exempt from the provisions of this section.

Other Requirements

1. Require water audit for large industrial, commercial, and multi-family residential water users.

Revised 05/07/91

REVISO

1991

PROGRAMA PARA REDUCIR EL USO DEL AGUA

No se permite:

1. Desperdicio de agua, incluyendo pero no limitado a, desbordamiento o escurrimiento en las aceras, entrada de coches, tragantes, calles y/o superficies similares fuera de la casa.

2. Limpiar o lavar aceras, entradas de coches, gasolineras, patios, corredores u otras áreas pavimentadas o con superficie dura, excepto si se limpia o lava con fines sanitarios como es requerido por el Código de Salud Pública.

3. Lavar el exterior de las residencias, edificios y construcciones con excepcion del lavado de ventanas y cuando las construcciones se están pintando.

4. Usar agua con una manguera que no tenga válvula que automática o manualmente controle el cerrar o abrir el flujo del agua. Comercios para lavar carros es permitido cuando el agua es recolectada y usada dentro de las tolerancias aprobadas.

5. Uso de fuentes decorativas, si tengan sistema de rotación de agua.

6. Uso de agua para la construcción, tales como consolidación de sobras a no ser que no se pueda usar otro método.

7. Desperdicio de agua debido a la ruptura o mal funcionamiento de la plomería, regaderas o en los sistemas de irrigatión.

8. En el restaurante no se servirá agua a no ser que el cliente lo solicite.

9. Fuentes de agua para tomar, excepto cuando es requerido debido a la salud y seguridad del público.

10. Llenar las piscinas privadas existentes, excepto si es para mantener el nivel de agua. (Se recomienda cubrir la piscina cuando no se está usando)

11. No se puede regar en las residencias, negocios o en las industrias entre las horas de 10:00 A.M. a las 6:00 P.M.

    a. Tanto el sistema de irrigación de goteo como el agua que se ha recuperado y puede utilizarse nuevamente, están exentos de lo estipulado en ésta sección.

Otros Requisitos:

1. Se requiere una auditoría del agua que se usa en las industrias grandes, comercios y residencias multi-familiares.

APPENDIX B

TDS MITIGATION ORDINANCES

the state prison for 16 months, two, or three years, subject to a fine not to exceed twenty thousand dollars ($20,000), or both.

(c) For purposes of this section, the term "tamper" means either of the following:

(1) To introduce a contaminant into a public water system with the intention of harming persons.

(2) To otherwise interfere with the operation of a public water system with the intention of harming persons.

(Added by Stats.1989, c. 823, § 61.)

Chapter 7.5

BOTTLED WATER [REPEALED]

Chapter 7.5, added by Stats.1972, c. 778, § 1, was repealed by Stats.1987, c. 639, § 1.

§§ 4040 to 4044.4. Repealed by Stats.1987, c. 639, § 1

Historical and Statutory Notes

Section 4040, added by Stats.1972, c. 778, § 1, amended by Stats.1973, c. 902, § 13; Stats.1984, c. 1033, § 1; Stats.1985, c. 944, § 2, provided definitions relating to bottled water.

Section 4041, added by Stats.1972, c. 778, § 1, amended by Stats.1973, c. 902, § 14; Stats.1984, c. 1033, § 2; Stats.1985, c. 944, § 3, related to regulations and standards for bottled water.

Section 4041.1, added by Stats.1972, c. 778, § 1, amended by Stats.1973, c. 902, § 15; related to bacterial analysis of bottled water.

Section 4041.2, added by Stats.1972, c. 778, § 1 prohibited sale of non-complying bottled water.

Sections 4041.3 and 4041.4, added by Stats.1972, c. 778, § 1, amended by Stats.1973, c. 902, §§ 16 and 17, related to water-vending machines.

Sections 4042, 4042.1 and 4042.2, added by Stats.1972, c. 778, § 1, amended by Stats.1973, c. 902, §§ 18 to 20, related to licensing of bottled-water plants and vending machines.

Section 4042.3, added by Stats.1972, c. 778, § 1, amended by Stats.1984, c. 1033, § 3, related to license fees.

Section 4042.4, added by Stats.1984, c. 1033, § 4, related to denial, revocation or suspension of licenses.

Section 4043, added by Stats.1972, c. 778, § 1, provided that violation of provisions of the chapter constituted a misdemeanor. See, now, § 26801.

Sections 4043.5 and 4043.6, added by Stats.1984, c. 1033, § 5 and § 4043.7, added by Stats.1985, c. 944, § 4, related to testing of bottled water.

Sections 4044 and 4044.2 to 4044.4, added by Stats.1984, c. 1033, § 6 related to labeling of bottled water. Prior to repeal, § 4044 was amended by Stats.1985, c. 944, § 5.

See, now, § 26591 et seq.

Chapter 7.8

WATER SOFTENING OR CONDITIONING

Section

4045. Legislative findings and declarations.
4046. Definitions.
4047. Installation of appliances in residences.

Section

4048. Appliance in place prior to January 1, 1980 in areas of control of residential salinity input; continuance in operation; limitation; installation of water-saving devices; certification.
4049. Certification; provision by new user; form; contents.

Chapter 7.8 was added by Stats.1978, c. 923, § 1.

Library References

Health and Environment ⇐31.
Waters and Water Courses ⇐196.
WESTLAW Topic Nos. 199, 405.
C.J.S. Health and Environment §§ 37 to 47.
C.J.S. Waters §§ 232, 269.

§ 4045. Legislative findings and declarations

The Legislature hereby finds and declares that the utilization of the waters of the state by residential consumers for general domestic purposes, including drinking, cleaning, washing, and personal grooming and sanitation of the people is a right which should be interfered with only when necessary for specified health and safety purposes. The Legislature further finds that variation in water quality, and particularly in water hardness, throughout the state requires that on-site water softening or conditioning be available throughout the state to insure to domestic consumers their right to a water supply which is effective and functional for domestic requirements of the residential household, but that such on-site water softening or conditioning shall be available only as hereinafter set forth.

(Added by Stats.1978, c. 923, § 1.)

Library References

Waters and Water Courses ⇐196.
WESTLAW Topic No. 405.
C.J.S. Waters §§ 232, 269.

§ 4046. Definitions

(a) Unless the context otherwise requires the definitions in this section govern the construction of this chapter.

(b) "Clock control" means the system controlling the periodic automatic regeneration of a residential water softening or conditioning appliance which is based upon a predetermined and preset time schedule.

(c) "Demand control" means the system controlling the periodic automatic regeneration of a residential water softening or conditioning appliance which is based either upon a sensor which detects imminent exhaustion of the active softening or conditioning material or upon the measurement of the volume of water passing through the appliance. A demand control system activates regeneration based upon the state of the equipment and its ability to continue the softening process.

(d) "Fully manual regeneration" means the method of regeneration of a residential water softening or conditioning appliance in which operations are

performed manually and in which dry salt is added directly to the ion-exchanger tank after sufficient water is removed to make room for the salt.

(e) "Hardness" means the total of all dissolved calcium, magnesium, iron and other heavy metal salts, which interact with soaps and detergents in such a manner that the efficiency of soaps and detergents for cleansing purposes is impaired. Hardness is expressed in grains per gallon or milligrams per liter as if all such salts were present as calcium carbonate.

(f) "Manually-initiated control" means the system controlling the periodic regeneration of a residential water softening or conditioning appliance in which all operations, including bypass of hard water and return to service, are performed automatically after manual initiation.

(g) "Regeneration" means the phase of operation of a water softening or conditioning appliance whereby the capability of the appliance to remove hardness from water is renewed by the application of a brine solution of sodium chloride salt to the active softening or conditioning material contained therein followed by a subsequent rinsing of the active softening or conditioning material.

(h) "Salt efficiency rating" means the efficiency of the use of sodium chloride salt in the regeneration of a water softening appliance, expressed in terms of hardness removal capacity of the appliance per pound of such salt used in the regeneration process. The units of salt efficiency rating are grains of hardness removed per pound of salt used. One grain of hardness per gallon is approximately equivalent to 17.1 milligrams of hardness per liter.

(Added by Stats.1978, c. 923, § 1.)

Library References

Words and Phrases (Perm.Ed.)

§ 4047. Installation of appliances in residences

No residential water softening or conditioning appliance shall be installed except in either of the following circumstances:

(a) The regeneration of the appliance is performed at a nonresidential facility separate from the location of the residence where such appliance is used.

(b) The regeneration of the appliance discharges to the waste disposal system of the residence where such appliance is used and both of the following conditions are satisfied:

(1) The appliance is certified to control the quantity of salt used per regeneration by a pre-set device and the settings of such device are limited so that a salt efficiency rating of no less than 2850 grains of hardness removed per pound of salt used in regeneration is achieved with a clock control, manually-initiated control, or demand control.

(2) The installation of the appliance is accompanied by the simultaneous installation of the following softened or conditioned water conservation devices on all fixtures using softened or conditioned water, unless such

devices are already in place or are prohibited by local and state plumbing and building standards or unless such devices will adversely restrict the normal operation of such fixtures:

(A) Faucet flow restrictors.

(B) Shower head restrictors.

(C) Toilet reservoir dams.

(D) A piping system installed so that untreated (unsoftened or unconditioned) supply water is carried to hose bibs and sill cocks which serve water to the outside of the house, except that bypass valves may be installed on homes with slab foundations constructed prior to the date of installation; or condominiums constructed prior to the date of installation; or otherwise where a piping system is physically inhibited.

(Added by Stats.1978, c. 923, § 1. Amended by Stats.1980, c. 769, p. 2285, § 1, eff. July 28, 1980.)

Historical and Statutory Notes

Section 2 of Stats.1980, c. 769, p. 2285, provides, in part:

"The law is ambiguous in that it is unclear when the carrying of untreated water to the hose bids and sill cocks which serve the outside of the house may be performed by means of a bypass valve as well as a fulltime bypass. Different local agencies are interpreting the law differently, causing uncertainty for the industry and the consuming public. In some instances, it is impossible or prohibitively expensive to install a full line bypass system. Therefore, to clarify the law and to allow consumers to purchase water softening and conditioning appliances which best suit their needs and at a reasonable cost, it is necessary that this act take effect immediately."

Library References

Waters and Water Courses ⇐196.
WESTLAW Topic No. 405.
C.J.S. Waters §§ 232, 269.

§ 4048. Appliance in place prior to January 1, 1980 in areas of control of residential salinity input; continuance in operation; limitation; installation of water-saving devices; certification

Any water softening appliance in place at a residential dwelling prior to January 1, 1980, in those areas being served by sewage treatment facilities which have been limited with regard to salt loading pursuant to Division 7 (commencing with Section 13000) of the Water Code and for which the appropriate regional water quality control board makes a finding, after adoption of waste discharge requirements and subject to a public hearing, that the control of residential salinity input is necessary to provide compliance with those limitations, may be continued in operation for a period no longer than four years after the regional water quality control board has made its findings. After such four-year period has elapsed, any water softening appliance at that site shall be set at a salt efficiency rating of no less than 2850 grains of hardness removed per pound of salt used in regeneration when regeneration is initiated with clock controls or manually-initiated controls, or shall have regenerations initiated with demand devices. Also, after such four-year period has elapsed, those water-saving devices in shower heads, on

faucets, and in toilet reservoirs, as recited in paragraph (2) of subdivision (b) of Section 4047, shall be installed unless already in place or prohibited by local and state plumbing and building standards. The salt efficiency rating of the water softening or conditioning appliance and the installation of water-saving devices shall be certified in accordance with Section 4049.

(Added by Stats.1978, c. 923, § 1.)

Library References

Waters and Water Courses ⇐196.
WESTLAW Topic No. 405.
C.J.S. Waters §§ 232, 269.

§ 4049. Certification; provision by new user; form; contents

The certification required by this chapter shall be provided by the new user of the appliance and shall be completed by a contractor having a valid Class C-55 water conditioning contractor's license or Class C-36 plumbing contractor's license and filed with the local agency responsible for issuing plumbing permits.

The certification form shall contain all of the following information:

(a) Name and address of homeowner.

(b) Manufacturer of the water softening or conditioning appliance, model number of the appliance, pounds of salt used per regeneration, and salt efficiency rating at the time of certification.

(c) Manufacturer of the water-saving devices installed, model number, and number installed.

(d) Name, address, and the specialty contractor's license number of the C-55 and C-36 licensee making the certification.

(Added by Stats.1978, c. 923, § 1.)

Library References

Waters and Water Courses ⇐196.
WESTLAW Topic No. 405.
C.J.S. Waters §§ 232, 269.

Chapter 7.9

CONTROL OF CROSS-CONNECTIONS BY WATER USERS

Section

4049.50. Local programs for control of users; prevention of contamination of drinking water by backflow; devices; fees.
4049.51. Local programs in cooperation with suppliers; prevention against backflow through service connections; fees; state regulations.
4049.52. Certification programs for backflow prevention device testers; suspension or revocation; fees.
4049.53. Violations; misdemeanor.

Chapter 7.9 was added by Stats.1987, c. 1128, § 1.

§ 4049.50. Local programs for control of users; prevention of contamination of drinking water by backflow; devices; fees

Local health officers may maintain programs for the control of cross-connections by water users, within the users' premises, where public exposure to drinking water contaminated by backflow may occur. The programs may include inspections within water users premises for the purpose of identifying cross-connection hazards and determining appropriate backflow protection. Water users shall comply with all orders, instructions, regulations, and notices from the local health officer with respect to the installation, testing, and maintenance of backflow prevention devices. The local health officer may collect fees from those water users subject to inspection to offset the costs of implementing cross-connection control programs.

(Added by Stats.1987, c. 1128, § 1. Amended by Stats.1989, c. 956, § 1.)

Law Review Commentaries

Health and Environment ⇐31.
Waters and Water Courses ⇐196.
WESTLAW Topic Nos. 199, 405.
C.J.S. Health and Environment §§ 37 to 47.
C.J.S. Waters §§ 232, 269.

§ 4049.51. Local programs in cooperation with suppliers; prevention against backflow through service connections; fees; state regulations

(a) Local health officers may maintain programs, in cooperation with water suppliers, to protect against backflow through service connections into the public water supply, and, with the consent of the water supplier, may collect fees from the water supplier to offset the costs of implementing these programs.

(b) The fees authorized under this section and under Section 4049.50 shall be limited to the costs of administering these programs. At the discretion of the water supplier, the fees collected from the water supplier by the local health officer may be passed through to water users.

(c) Programs authorized under this section and Section 4049.50 shall be conducted in accordance with backflow protection regulations adopted by the State Department of Health Services.

(d) Nothing in this chapter shall prevent a water supplier from directly charging those water users required to install backflow prevention devices for the costs of the programs authorized in this section and Section 4049.50.

(Added by Stats.1987, c. 1128, § 1. Amended by Stats.1989, c. 956, § 2.)

§ 4049.52. Certification programs for backflow prevention device testers; suspension or revocation; fees

To assure that testing and maintenance of backflow prevention devices are performed by persons qualified to do testing and maintenance, local health officers may maintain programs for certification of backflow prevention

STATE OF CALIFORNIA PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD —
CENTRAL COAST REGION
81 HIGUERA STREET, SUITE 200
SAN LUIS OBISPO, CA 93401-5427
(805) 549-3147

September 6, 1994

Mr. Jay Baksa
South County Regional Wastewater Authority
7351 Rosanna St.
Gilroy, CA 95020

Dear Mr. Baksa:

REVIEW OF SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY (SCRWA) TOTAL DISSOLVED SOLIDS (TDS) STUDY

Montgomery Watson's July 11, 1994 report (the report), identifies the sources of TDS to municipal wastewater, evaluates its impact on groundwater quality, and evaluates the ability to comply with the revised municipal TDS discharge limit (water supply + 370 mg/L). The report concludes that it is unlikely for the treatment plant to consistently meet this limit. The Discharger has requested that the Regional Board consider reversing the consumptive use TDS limit back to 425 mg/L. A summary of the comprehensive study is provided in the table below.

Investigation	Findings & Conclusions	Recommendations
Review of Gilroy and Morgan Hill's (treatment plant service area) water supply TDS and municipal wastewater influent TDS data	Average consumptive TDS for the service area is approximately 390 mg/L. Without significant reduction of influent TDS loadings or costly treatment facilities to remove dissolved solids, compliance with the new limit will be difficult.	TDS limit back to 425 mg/L
Review of WWTP groundwater monitoring TDS data and site hydrogeology	Both municipal and food process discharges result in an increase of TDS concentrations in shallow aquifer immediately downgradient of WWTP. No increasing trends in TDS levels are seen below municipal ponds. Data unavailable for TDS concentrations in shallow aquifer outside of WWTP--land use practices may contribute to overall increase in groundwater TDS levels. Deep aquifer TDS concentration at WWTP has remained below 500 mg/L since 1987 and is consistent with TDS trends observed for the water supply wells for Gilroy and Morgan Hill.	

Investigation	Findings & Conclusions	Recommendations
Chemical Control Division's one-year random sewer sampling program at various locations in the SCRWA's service area to identify commercial/industrial contributions of TDS	Results indicate that a few facilities contribute to significant TDS loadings. An estimated <10% of the total facilities were sampled.	Further investigation is required to identify sources and aid in development of BMP's.
Survey of 31 municipal WWTP's	SCRWA's ave. consumptive TDS is within the range of typical values, Two out of the 31 treatment plants have absolute TDS limits imposed, Other land dischargers did not have effluent TDS limits, and SCRWA's WWTP has equal or lower consumptive use TDS concentrations than other WWTP's with effluent land discharges.	
Residential water softening contributions and ordinances	An estimated 15 to 40 % of service area households use self-regenerative water softeners, based on informal survey of local water softening companies. Outcome of court cases with respect to residential water softeners may impact effectiveness of ordinances banning water softeners.	Further investigation

The report recommends that initial efforts be directed towards reducing TDS contributions from industrial/commercial and food process discharges before targeting domestic sources. This includes continuing the random sampling program to identify high TDS sources and to aid in development of best management practices (BMP's) for the dischargers, improving housekeeping at Gilroy Canning, and continuing to develop and implement strict pretreatment for commercial/industrial dischargers. Recommendations also include the continued monitoring of service area water supply TDS, wastewater influent TDS, and groundwater TDS at the treatment plant.

We agree with the report's findings and recommendations. Reversing the limit back to 425 mg/L requires Board action and a decision based on this report would be premature. Before a decision can be made, you must do the following: complete your investigation of commercial, industrial, and domestic TDS sources; develop and implement BMP's for significant sources; and analyze monitoring data to determine if TDS reduction programs will result in compliance with the 370 mg/L consumptive use limit or not.

Your April 15, 1993 workplan indicated that the TDS source monitoring would be completed by the end of June 1994. However, less than an estimated 10% of the total number of facilities were sampled, manholes sampled in program were not identified as being representative of a type of area (residential or commercial), and an actual survey of residential water softener use has not been conducted.

You are required to follow the report's recommendations and submit a formal investigation proposal with a time schedule. The proposal shall contain a complete description of the investigatory process. For example, describe where sampling will take place (representative trunklines, specific industries, etc.) and the frequency of sampling. In addition, provide the specifics of improving housekeeping at Gilroy Canning and time schedule for implementation. The proposal is due **November 7, 1994.** When significant sources are identified, you are required to submit a report describing the specific BMP's and a time schedule for their implementation.

Please note that the current TDS consumptive use limit is 370 mg/L, imposed June 2, 1994. Also, we feel that most of the information should have been collected as a part of the pretreatment program.

Please direct questions regarding this matter to A. John Mijares (805) 549-3696 at this office from 8-10 a.m. and from 11 to 5 p.m. Tuesday through Friday.

Sincerely,

Bradley E. Hagema

FOR ROGER W. BRIGGS
Executive Officer

JN/A:scrwatds.ltr

cs: Ramesh Babu
Montgomery Watson
355 Lennon Lane
Walnut Creek, CA
94598

Al Slechta
OMI
900 Southside Drive
Gilroy, CA 95020

Appendix C

APPENDIX C

TDS Investigation proposal, November 1, 1994
Regional Board letter dated, November 16, 1994
Digital Conductivity and TDS Meter Specifications

MONTGOMERY WATSON

November 1, 1994

Mr. John Mijares
California Regional Water Quality Control Board-
Central Coast Region
81 Higuera Street, Suite 200
San Luis Obispo, CA 93401-5427

File No.: 1443.0030/3.1

Subject: Proposal for TDS Investigation - South County Regional Wastewater Authority

Dear Mr. Mijares:

On behalf of the South County Regional Wastewater Authority (Authority), Montgomery Watson has prepared this proposal for Total Dissolved Solids (TDS) investigation in the Gilroy-Morgan Hill area. This proposal is submitted in response to the Regional Board letter, dated, September 6, 1994 to identify significant TDS dischargers.

INVESTIGATION PROPOSAL

Task 1. TDS Monitoring

This task includes a comprehensive TDS sampling program of commercial/industrial and residential dischargers in the Cities of Gilroy and Morgan Hill. The task also includes representative sampling of trucked-in waste (septage) to the Authority's treatment plant. In addition, the operations at Gilroy Canning will be reviewed to identify improvements to in-plant housekeeping practices. It should be noted that Gilroy Canning operates seasonally from June through October. Therefore, field sampling of various flow streams will not be done as part of this task. The evaluation would include a discussion of current processes and identify potential wastestreams for sampling during the 1995 food processing season. A detailed description of the sampling locations, number of samples, sampling frequency is presented in Attachment A.

Task 2. Data Analysis

The data collected as part of Task 1 will be analyzed to identify significant TDS dischargers and prioritize the various discharger categories, such as restaurants, car washes, etc. A comparison of TDS loadings from each discharger category to the overall treatment plant TDS loading would also be included.

Task 3. BMP Development

Based upon the findings in Task 2, Best Management Practices (BMPs) will be developed for the significant categories of TDS dischargers. The BMPs for the various categories would be included in the report along with a BMP implementation schedule.

355 Lennon Lane
Walnut Creek, California
94598-2427

Tel: 510 933 2250
Fax: 510 945 1760

INVESTIGATION SCHEDULE

The results of this investigation will be submitted to the Regional Board by April 14, 1995. As presented in Attachment A, this investigation proposes to monitor 71 commercial sites, 10 industrial sites, trunk sampling of 8 residential areas and 4 septic tankers per month. The proposed monitoring frequency includes a minimum of four samples at each location over a four month period (November, December, January and February) and consists of a total of 372 sampling events.

If you have any questions, or need additional information, please telephone me at 510 274 2277.

Very truly yours,

Ramesh Babu
Project Engineer

cc: Jay Baksa, City of Gilroy
Rick Smelser, City of Gilroy
Nick Amper, City of Gilroy
Al Slechta, OMI-Gilroy
David Lindow, Montgomery Watson

ATTACHMENT A

TOTAL DISSOLVED SOLIDS MONITORING PROGRAM

South County Regional Wastewater Authority

Description of Monitoring Program

The City of Gilroy's Chemical Control Division (CCD) will monitor Total Dissolved Solids (TDS) discharges from commercial/industrial businesses, septic haulers and selected residential areas in the Cities of Gilroy and Morgan Hill. The TDS monitoring will occur at end-of-pipe discharge points and collection system trunk lines for specific residential areas. Grab samples will be collected from the septic tankers prior to discharge at the South County Regional Wastewater Authority (Authority) treatment plant. Residential monitoring will be conducted to identify variances in TDS contributions from areas with socio-economic differences. In addition, commercial/industrial dischargers will be surveyed to identify water softener users, type of equipment used, method and frequency of regeneration and volume of waste discharged to the sanitary sewer system.

A description of the various sampling categories and number of locations for each category is presented below. The attached figures present the various sampling locations in the Cities of Gilroy and Morgan Hill.

I. Commercial Business Groups

Commercial dischargers consist of ten (10) types or groups of businesses. The total number of businesses in the commercial sampling group is 71.

		Gilroy	Morgan Hill
1.	Fast Food Restaurants	6	6
2.	Car Washes	4	3
3.	Schools	4	3
4.	Laundromats	3	3
5.	Light Industrial Parks	5	5
6.	Medical/Dental Facilities	2	3
7.	Bakeries	3	3
8.	Supermarkets	3	3
9.	Auto Dealerships/Body Shops	4	2
10.	Shopping Centers	3	3
		37	34

II. Industrial/SIU's

		Gilroy	Morgan Hill
1.	Wiltron Inc. (Electronic Mfg.)		x
2.	B.A.S. Inc. (Metal Finisher)		x
3.	St. Louise Hospital		x
4.	Dusan Inc. (Electronic Mfg.)	x	
5.	Gaylord Inc. (Container Mfg.)	x	
6.	South Valley Hospital	x	
7.	Germain Seeds (Ag Seed Mfg.)	x	
8.	Lohmar Inc. (Com/Ind Laundry)	x	
9.	Cintas Inc. (Com/Ind Laundry)	x	
10.	Servis-soft (Water softener)	x	
		7	3

III. Residential Areas

1.	Peak Ave. & Claremont Dr.		x
2.	Foothill Ct. & Del Monte Ave.		x
3.	Edmundson Ave. & Church St.		x
4.	Sorrel Way & Dunne Ave.		x
5.	7th St. & Maple St.	x	
6.	Victoria Dr. & Sussex	x	
7.	La Allandra & Welburn Ave.	x	
8.	Delta Dr. & Welburn Ave.	x	
		4	4

IV. Septic Haulers

Monitoring of septic haulers will be conducted at the Authority's treatment plant. It is proposed that at least four trucks be sampled each month over a four-month period.

CITY OF MORGAN HILL
TDS SURVEY
LEGEND

Commercial Group

1. *Fast Food/Restaurants*
2. *Car Washes*
3. *Schools*
4. *Laundromats*
5. *Industrial (Lite) Parks*
6. *Medical/Dental Complexes*
7. *Bakeries*
8. *Supermarkets*
9. *Auto Dealership/Body Shops*
10. *Shopping Centers*

Industrial Group

1. *Wiltron*
2. *BAS*
3. *St. Louise Hospital*

Residential District

1. *Peak Ave. & Claremont*
2. *Foothill Ct. & Del Monte*
3. *Edmunson Ave. & Church*
4. *Sorrel Wy. & Dunne Ave.*

CITY OF GILROY
TDS SURVEY
LEGEND

Commercial Group

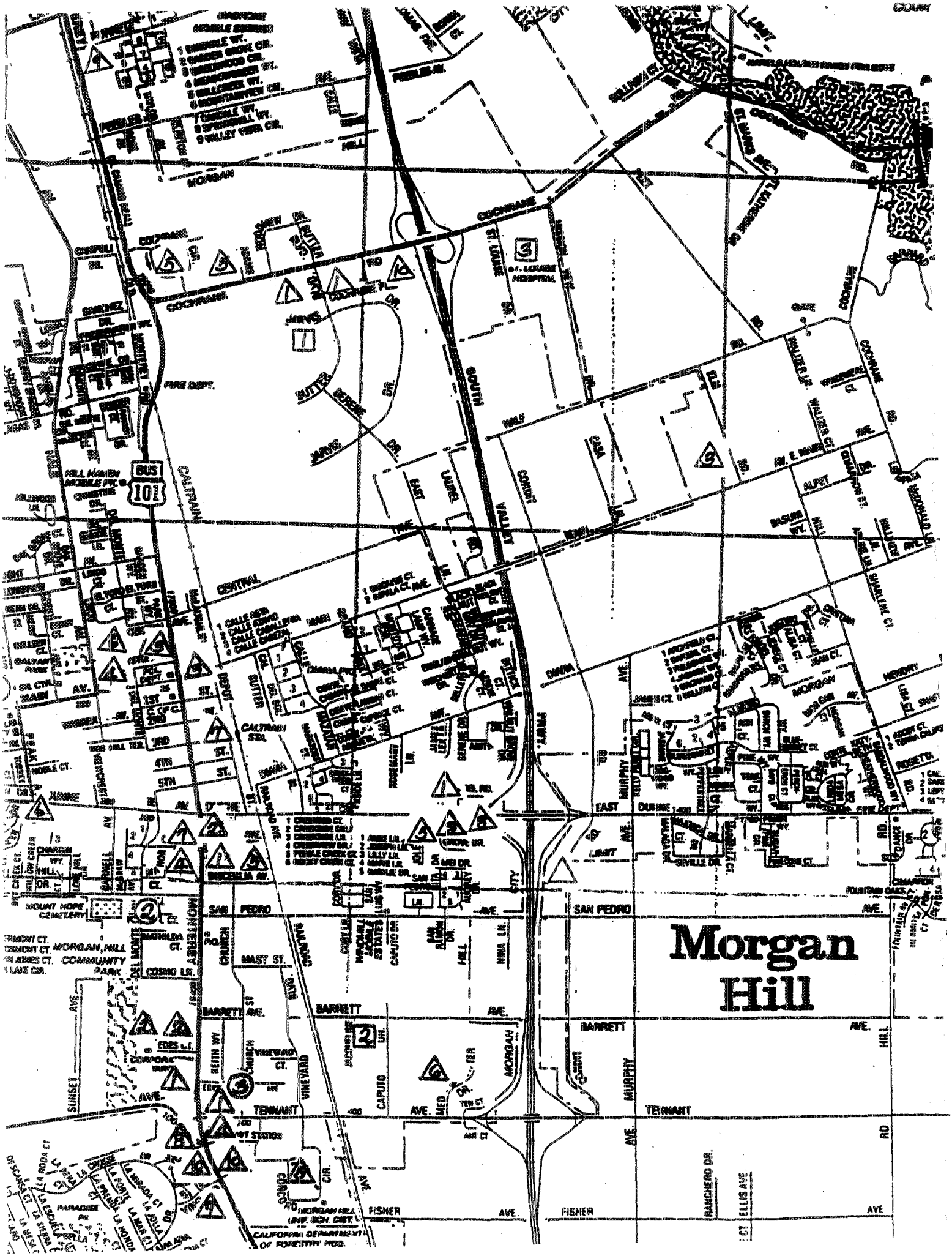
1. *Fast Food/Restaurants*
2. *Car Washes*
3. *Schools*
4. *Laundromats*
5. *Industrial (Lite) Parks*
6. *Medical Dental Complexes*
7. *Bakeries*
8. *Supermarkets*
9. *Auto Dealerships/Body Shops*
10. *Shopping Centers*

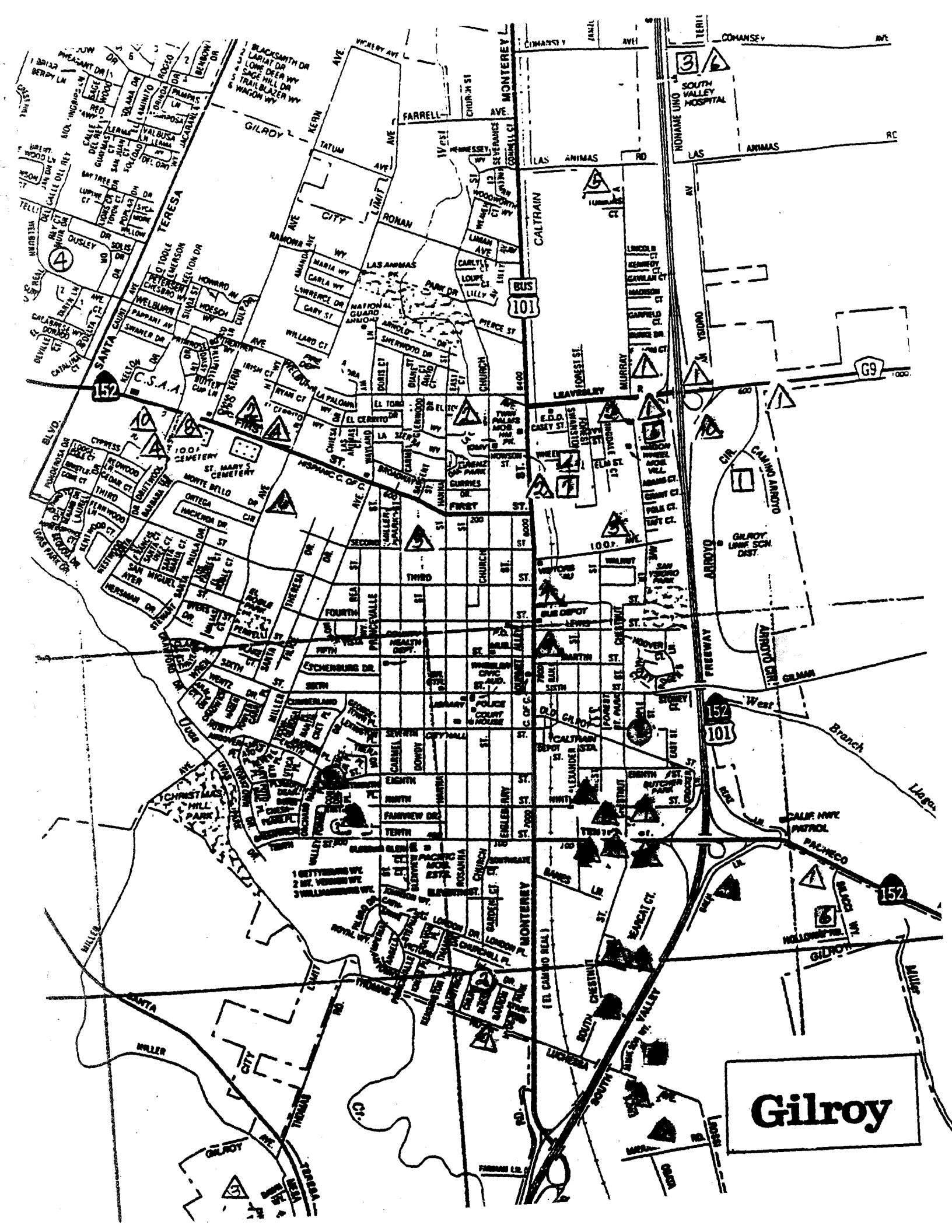
Industrial Group

1. *Dusan, Inc.*
2. *Gaylord, Inc.*
3. *South Valley Hospital*
4. *Germain Seeds*

Residential District

1. *7th St. & Maple St.*
2. *Victoria Dr. & Sussex*
3. *La Alondra & Wellburn*
4. *Delta Dr & Wellburn Ave*


Morgan Hill
COCHRANE
MORGAN
CENTRAL
EAST DUNNE
SAN PEDRO
BARRETT AVE.
TENNANT AVE.
FISHER AVE.
MONTEREY
CALTRAIN
BUS 101
MOUNT HOPE CEMETERY
MORGAN HILL COMMUNITY PARK
FIRE DEPT.
POST OFFICE
CALIFORNIA DEPARTMENT OF FORESTRY HDQ.


Gilroy
MONTEREY
CALTRAIN
SANTA TERESA
CHURCH
FIRST ST.
SECOND
THIRD
FOURTH
FIFTH
SIXTH
SEVENTH
EIGHTH
TENTH
LAS ANIMAS
FARRELL
TATUM
RONAN
LEAVESLEY
PACHECO
BUS 101
152
G9
SOUTH VALLEY HOSPITAL
CHRISTMAS HILL PARK
CITY LIMIT
MILLER
GILROY
CAMINO ARROYO
ARROYO
HWY 101

1443.0030/3.

STATE OF CALIFORNIA — PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD —
CENTRAL COAST REGION
81 HIGUERA STREET, SUITE 200
SAN LUIS OBISPO, CA 93401-5414
(805) 549-3147

November 16, 1994

Mr. Jay Baksa
South County Regional Wastewater Authority
7351 Rosanna St.
Gilroy, CA 95020

Dear Mr. Baksa:

PROPOSED TOTAL DISSOLVED SOLIDS (TDS) INVESTIGATION, SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY (AUTHORITY), ORDER NO. 92-20

We reviewed the November 1, 1994, Authority's proposal for TDS investigation submitted by your consultant, Montgomery Watson. The investigation will include a comprehensive TDS sampling program of commercial/industrial and residential dischargers in the Cities of Gilroy and Morgan Hill over a four-month period (Nov-Feb). The Data collected will be analyzed to identify significant sources of TDS and their contribution to overall treatment plant TDS loading. Based on this information, Best Management Practices will be developed for significant TDS dischargers. Results of this investigation will be submitted to us by **April 14, 1995.**

We have no objection to your proposed TDS investigation and report submittal date. Please proceed with the investigation immediately.

Please direct questions to **A. John Mijares (805)549-3696** or Brad Hagemann (805)549-3697 at this office between 8-10 a.m. and 1-5 p.m. Tuesday through Friday.

Sincerely,

ROGER W. BRIGGS
Executive Officer

AJM:BAKSA3.LTR

Enclosures

cs:

Nick Amper
Chemical Control Division
City of Gilroy
7351 Rosanna St.
Gilroy, CA 95020

Al Slechta
OMI
900 Southside Drive
Gilroy, CA 95020

Ramesh Babu, Project Engineer
Montgomery Watson
355 Lennon Lane
Walnut Creek, CA 94598

DIGITAL CONDUCTIVITY AND TDS METER

890-2668-4-210000

Provides Performance and Portability

The instrument features accurate measurements up to 20,000 µS/cm, a digital display for reading conductivity, TDS, or temperature values, and a Hach* patented probe.

Model 44600

Laboratory instrument performance with the convenience of complete portability and digital readout is provided by the new Model 44600 Conductivity and Total Dissolved Solids (TDS) Meter.

Unique Probe Design Eliminates Field Effects

Standard conductivity probes are subject to variable or inaccurate measurements because current flow can be obstructed due to proximity of the probe to vessel or container walls, or to the presence of debris.

With the Hach probe, accurate and reproducible measurements are independent of how deep or how close to a container wall the probe is placed. In addition, the tungsten electrodes are stable in virtually any chemical liquid.

In addition to the tungsten electrodes, the probe is constructed of durable, corrosion resistant Noryl thermoplastic and contains built-in thermistors for automatic temperature compensation and measurement.

The standard probe supplied with the meter has a one-meter cable. An optional probe with a 10-foot cable is also available.

*Pat. No. 3,774,104

Specifications

Range
Conductivity: 0-199 µS/cm, 0-1.99 mS/cm, 0-19.9 mS/cm
TDS: 0-199 mg/L, 0-1.99 g/L, 0-19.9 g/L
Temperature Mode: 0-100°C

Accuracy (Standard Probe)
Conductivity: ±1% of reading ±2 lsd
TDS: ±1% of reading plus ±2 lsd on two lowest ranges, ±2% of reading plus ±2 lsd on 0-19.9 g/L range
Temperature: ±0.5°C from 0° to 100°C

Accuracy (Probe with 10-foot cable)
Conductivity: ±2% of reading +1.7 to −2.3% of reading
TDS: ±2% of reading +1.4 to −2.6% of reading
Temperature: ± 0.5°C from 0° to 100°C

Resolution, Maximum
Conductivity: 0.1 µS/cm
TDS: 0.1 mg/L
Temperature: 0.1°C

Zero Error (Standard Probe)
Conductivity and TDS:
±2 counts at 25°C
±4 counts at 0°C

Zero Error (Probe with 10-foot cable)
Conductivity and TDS:
±4 counts at 25°C
±8 counts at 0°C

Temperature Compensation:
Automatic from 0 to 100°C for both conductivity and TDS measurements; Coefficient of 2%/°C from 25°C

Probe:
Cell constant: 2/cm
Construction: Corrosion-resistant Noryl, Tungsten, 316 stainless steel
Cable length: One-meter
Temperature: Thermistor

Display: 3-1/2 digit LCD with 0.45" numeric digits and annunciators for units of measure and low battery warning

Operating Temperature (ambient): 0° to 50°C.

Storage Temperature: -40°C to 60°C

Sample Temperature Range: 0-100°C in all ranges.

Operating Humidity Range: 0 to 90% noncondensing

Power Supply: 4 AA batteries, good for approximately 100 hours.

Case: 25.4 x 19.0 x 10.2 cm (10.0 x 7.5 x 4") polyethylene plastic

Weight:
Net: 1.02 kg (2 lbs, 4 oz)
Shipping weight: 1.47 kg (3 lbs, 4 oz)

How To Order

Conductivity and TDS Meter with Standard Probe
44600-00 . . . . . $395.00
Optional Probe with 10-foot Cable
44682-00 . . . . . 195.00

Circle 1220 for more information.

New Low Range Conductivity Standards

These prepared solutions permit quick, convenient standardization of conductivity instruments.

23075-14 180 µS/cm, 118 mL (85.47 mg/L as NaCl) 90 mg/L TDS $7.00
14400-14 1000 µS/cm, 118 mL (491 mg/L as NaCl) 500 mg/L TDS 7.00
2105-14 1990 µS/cm, 118 mL (1000 mg/L as NaCl) 995 mg/L TDS 7.00
23074-14 18,000 µS/cm, 118 mL (10,246 mg/L as NaCl) 9000 mg/L TDS 7.00

Appendix D

APPENDIX D

TDS Investigation Sampling Data Sheets
City of Gilroy Water Supply Billing Records
City of Morgan Hill Water Supply Billing Records

Robert R. Ledesma
Program Administrator

Arthur L. Gillespie
Fire Chief

GILROY FIRE DEPARTMENT

Building, Life, and Environmental Safety Division
Chemical Control
7351 Rosanna Street
Gilroy, CA 95020

Telephone: (408) 848-0430 FAX: (408) 842-2409

March 28, 1995

Ramesh Babu, Project Engineer
Montgomery-Watson
355 Lennon Lane
Walnut Creek, CA 94598

Dear Ramesh:

Enclosed are copies of four months TDS survey results through March, 1995. The sampling project was delayed due to abnormally heavy rains.

Water use information from Morgan Hill is not available even after written and verbal requests for the data. The Finance Department was informed of the urgent need of the water use information. I have instructed Chemical Control Staff to cease making inquiries to Morgan Hill for delivery of the data.

I suggest you make contact with the Director of Finance or David Biggs, City Manager.

If you should have any questions please call me.

Sincerely,

Nick Amper
Chemical Control Supervisor

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Adams Ct/Lite Industrial Date: 12/5/94

Address: Adams Ct & Sutter

Telephone #: N/A Fax #:

Business Type: Comm. light industrial Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12/5/94	1130	540	G
1/19/95	1335	460	
2/8/95	1035	360	
3-21-95	11:00	440	

Comments: entrance to Adams Ct.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: B.A.S. Sheet Metal Inc. Date: 12-7-94

Address: 16170 Jacqueline Ct.

Morgan Hill, CA 95037

Telephone #: (408) 779-5058 Fax #: _____

Business Type: Metal Finishing - Category Group: Industrial

H_2O softener yes ___ no X Serviced yes ___ no X

Regen on site yes ___ no X Water usage 2000 gpd (avg)

Sample location: test manhole X sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12-7-94	9 am	460	manhole at end of pipe
1-19-95	11:15	750	
2-14-95	11:45	510	
3-23-95	10:35	940	

Comments: Bus. = metal finishing / Categorical

Process = phosphating, chromating & Wastewater Pretreatment

Test Manhole located in front side in grass area next to curb.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: BRITTON SCHOOL Date: 12-15-94

Address: KEYSTONE & DEL MONTE

Telephone #: _____ Fax #: _____

Business Type: SCHOOL Group: COMMERCIAL

H_2O softener yes ___ no ___ Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-15-94	1025	540	(3)
1-19-95	10:15	500	
2-8-95	1120	400	
3-2	1110	430	

Comments: Sample from a manhole on Keystone & Del Monte

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Burger King Date: 12-27-94

Address: 16025 Monterey

Telephone #: 778-1439 Fax #: _____

Business Type: _____ Group: _____

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box X sewer manhole ___

Date	Time	TDS	Remarks
12.27.94	1505	340	
1-18-95	1440	380	
2.8.95	1510	440	
3-21-95	1500	420	

Comments: _____

Manager - Nancy Dunn

Grease hauler - Thrifty Best

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Residential at

Name: Burnett Ave., Morgan Hill Date: 12-30-94

Address: 200 - Burnett Ave.

Morgan Hill, Ca 95037

Telephone #: ——— Fax #:

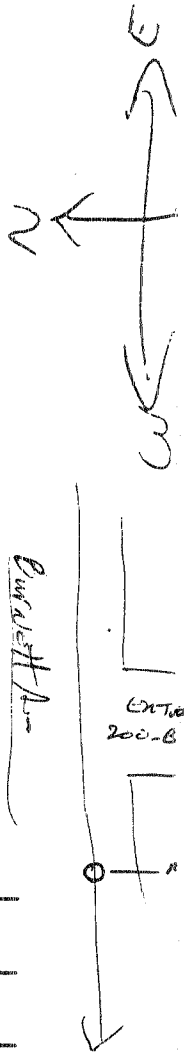
Business Type: Residential Group: Residential

H_20 softener yes Y no ___ Serviced yes Y no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole Y

Date	Time	TDS	Remarks
12-30-94	1 00 pm	540	
1-19-95	11:30	510	
2-9-95	11:00	500	
3-20-95	1031	340	



Comments: manhole located in Burnett St., 1st manhole west of Madrone Mobil Estates / 200 - Burnett Ave, Morgan Hill

2 mobil parks have swimming pool each.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Chevrolet (Corbware Plaza Date: _____

Address: 19490 Monterey

_____

Telephone #: 779-5547 Fax #: _____

Business Type: Auto dealership Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12/5/94	1235	390	A
1/19/95	1130	370	
2/9/95	1055	340	
3/20/95	1030	350	

Comments: Sample box inside the bldg of the car wash

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Church & Biscaglia Date: 12-8-94

Address: Corner Church & Biscaglia

Telephone #: _____ Fax #: _____

Business Type: ~~Residential~~ Light Industrial Group: ~~Residential~~ Industrial

H_2O softener yes N/A Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-8-94	1:05pm	360	(3)
1-18-95	11:15	330	
2.15.95	1435	300	
3-20-95	1408	920	Rain

Comments: _____

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Central High School Date: 1-3-95

Address: 17960 - Monterey St.
Morgan Hill, Ca.

Telephone #: 779-5244 Fax #:

Business Type: School Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no X

Regen on site yes ___ no X Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
1-3-95	11 am	910	
1-19-95	11	620	
2.8.95	1130	540	
3.20.95	11:30	650	

Comments: Sewer manhole: Location - front of school, next to power pole on side walk - front of electric meter. Line slope flat (slow), water resides until sufficient amount is collected then flows southward ——— Top of the Sewer Line.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Claremont & Peal Date: 12/5/94

Address: 440 Claremont

Telephone #: _____ Fax #: _____

Business Type: _____ Group: Residential

H_2O softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12/5/94	12:28	510	①
1/19/95	10:00	630	
2/8/95	1315	420	
3-21-95	1:10	430	

Comments: manhole on 440 Claremont

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Cochrane Circle Date: 12/5/94

Address: Cochrane Shopping Center

Telephone #: N/A Fax #:

Business Type: Shopping center Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12/5/94	10:30	480	(2)
1/19/95	1415	730	
2/9/95	940	460	
3-21-95	9:50	530	

Comments: Manhole on Butler Hurts just of Target entrance of the shopping center

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Concord Circle Date: 12/15/94

Address: 15850 Concord Cir

Telephone #: _____ Fax #: _____

Business Type: lite industrial Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-15-94	12:50	631	5
1-18-95	1300	840	
2-9-95	11:05	430	
3-23-95	10:20	510	

Comments: Manhole in front of 15850 Concord Cir

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Corp Yard Date: 12.8.94

Address: 105 Edes

Telephone #: 779-8322 Fax #:

Business Type: 779 car wash Group: Commercial

H_20 softener yes X no ___ Serviced yes X no ___

Regen on site yes ___ no X Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box X sewer manhole ___

Date	Time	TDS	Remarks
12.8.94	1:30	340	(2)
1-18-95	1500	240	
2.8.95	1500	210	
2-21-95	14:45	230	

Comments: Clarifier (before the wash area)

(TDSSurvey 11-94)

Vineyard Center
Tenant - for Tenant Cor
Vineyard & Concord

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Del Monte + Foothill Date: 12-8-94

Address: 160 Foothill

Telephone #: N/A Fax #:

Business Type: residential Group: residential

H_20 softener yes ___ no ___ unknown Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12.8.94	12:50	350	(2)
1-19-95	3:30	260	
2.9.95	1420	320	
3-21-95	14:30	260	

Comments: Manhole in front of 160 Foothill

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Dan Gamel Date: 12-15-94

Address: 16725 Condit Rd

Telephone #: 779-8220 Fax #:

Business Type: Auto Dealership Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole X sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-15-94	2:25	640	9
1/19/95	12:03	AID	
2/14/95	1045	400/(877)	
3-21-95	8:30	420	

Comments: test manhole of Claridge in the Service area

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Evergreen Park Date: 12-8-94

Address: 370 W. Dunne

Telephone #: 779-7391 Fax #:

Business Type: Medical / Dental Group: Commercial

H_2O softener yes ___ no ___ Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-8-94	10:20	1060	(6)
1-18-95	10:30	360	
2-8-95	13:20	470	
3-21-95	2:15	560	

Comments: In front of Evergreen Park (Medical/Dental)
370 W Dunne
owners name : Bruce

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Good Samaritan Foundation Date: 12-8-94

Address: 16130 Medical Center Dr

Telephone #: 779-9992 Fax #:

Business Type: Medical/Dental Group: Commercial Grp.

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-8-94	2:25	450	16
9-19-95	10:50	380	
2-14-95	1420	360	
3-20-95	15:40	330	Rainy

Comments: Sewer manhole in the parking lot

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Hale Medical Date: 12/5/94

Address: 17705 Hale

Telephone #: Fax #:

Business Type: Medical / dental Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12/5/94	2:15 pm	450	A
←			
1-19-95	10:30	540	
2-8-95	1320	400	
3-21-95	11:30	450	

Comments: Manhole in front of the playground and the 35 mph sign (1st going south) on Hale

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Industrial Tire / Cochrane Date: 12/5/94

Address: Cochrane Cir (Sutter)

Telephone #: — Fax #: _____

Business Type: Tire Ind Group: Commercial

H_20 softener yes ___ no ___ Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12/5/94	1140	610	(5)
1-19-95	11:45	800	
2-8-95	10:40	1190	
3-20-95	10:44	700	

Comments: Cochrane Cir. Manhole in front of #485 - Patton + Patt Business

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Joleen Wy Date: 12-15-94

Address: 16870 Joleen Way

Telephone #: _____ Fax #: _____

Business Type: Industrial / Light Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-15-94	1:53	310	5
1-18-95	10:00	280	
2-14-95	11:20	290/580	
3-21-95	10:30	290	

Comments: Manhole in front of 16870 Joleen Wy & par. lot. (Las Bender Volkswagen)

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Kentucky Fried Chicken Date: 12-27-94

Address: 17050 Laurel Road

Telephone #: 777-7545 Fax #:

Business Type: Restaurant Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no X Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box X sewer manhole ___

Date	Time	TDS	Remarks
12-27-94	9:50	710	
1-18-95	10:15	510	
2-14-95	1100	600/700	
3-21-95	10:05	610	

Comments: Joshua [illegible] Manager
1533 gal. Clarifier - test manhole at the
back of the restaurant
Required manager to clean grease interceptor

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: La Morena Date: 12-27-94

Address: 90 E 2nd St

Telephone #: 778-0344 Fax #:

Business Type: Bakery Group: Commercial

H_2O softener yes X no ___ Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12-27-94	1060	740	
1-19-95	1040	440	
2-14-95	1130	340	
3-21-95	12:45	430	

Comments: Rafael Cruz - owner/manager
Bereglig inside the bakery; big
dipper. Require manager to clean grease Trap

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Laundrland Coin-Op Date: 12.15.94

Address: 220 Tarrant

Telephone #: 779-1487 Fax #:

Business Type: laundromat Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12/15/94	1250	350	(4)
1/18/95	1320	420	
2/14/95	1355	290	
3/20/95	"	340	

Comments: back of washing machine

Contact person Mary Henley

550 Silver Cloud Ct

Milpitas CA 95037

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Live Oak High School Date: 12/15/94

Address: 1505 E. Main Ave

Telephone #: 779-5210 Fax #:

Business Type: School Group: Commercial

H_2O softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-15-94	1:25	540	3
1-19-95	1325	662	
2-14-95	10.35	720/660	
3-21-95	9:25	630	

Comments: Sewer manhole in front of the entrance to the parking lot.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Luckys Date: 12.8.94

Address: 16955 Monterey

Telephone #: 779-1470 Fax #:

Business Type: Supermarket Group: Commercial

H_20 softener yes X no ___ Serviced yes X no ___

Regen on site yes ___ no X Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12-8-94	1145	340	8
1-18-95	1145	470	
2-8-95	1400	610	
3-20-95	1450	520	

Comments: grease interceptor inside the meat dept

Manhole

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

779-8182

Name: McDonald's Date: 1-3-95

Address: 201 - Vineyard Blvd. - Vineyard Town Center
Morgan Hill

Telephone #: 779-8182 Fax #:

Business Type: Fast Food Group: Commercial

H_20 softener yes ___ no Y Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

2nd Compartment of clarifier.

Sample location: test manhole ___ ~~sample box~~ X sewer manhole ___

Date	Time	TDS	Remarks
1-3-95	10 am	1610	Clarifier cleaned on 12-29-94
1-18-95	1700	430	Clarifier thick of Grease
2-14-95	1330	540	
		750	

Comments:

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Mc Donalds Date: 12/5/94

Address: 135 Cochrane Rd

Telephone #: 779-0052 Fax #:

Business Type: Fast Food Group: Commercial

H_20 softener yes ___ no ✓ Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ✓ sewer manhole ___

Date	Time	TDS	Remarks
12/5/94	10:15	*1050	① water very cloudy
1/19/95	1425	700	
2/9/95	9:34	840	
3-21-95	9:45	630	

Comments: 1050 less

* 535 / 515 → Correction for TDS meter

→ Corrected reading

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Mimi Callender Date: 12/5/94

Address: 18599 Butler Blvd

Telephone #: 778-7373 Fax #:

Business Type: Restaurant Group: Commercial

H_2O softener yes X no ___ Serviced yes ___ no X

Regen on site yes X no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box X sewer manhole ___

Date	Time	TDS	Remarks
12/5/94	1045	0/0	Dilute Brine (w/ spills) H20
1/19/95	1250	590	
2/9/95	11:15	650	
3/20/	1057	640	

Comments: Final inspection passed 3 weeks from 12/5/94

Sample location behind the Restaurant

on the side

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Morgan Hill Car Wash Date: 12 8 94

Address: 16225 Monterey Rd

Telephone #: (408) 779-5477 Fax #:

Business Type: Car wash Group: Commercial

H_20 softener yes X no ___ Serviced yes ___ no ___

Regen on site yes X no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box / sewer manhole ___

Date	Time	TDS	Remarks
12/8/94	2:10	540	②
1-19-95	3:00	500	
2-8-95	14:50	510	
3-27-95	15.00	520	

Comments: Circular Sump inside the car wash area

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Nob Hill / Morgan Hill Inc Date: 12 - 27 - 94
Fax'd

Address: 200 ~~E 10th St~~ W. Main

Telephone #: 842 - 3546 Fax #:

Business Type: supermarket Group: commercial

H_2O softener yes X no ___ Serviced yes X no ___ On site

Regen on site yes ___ no X Water usage _____ gpd (avg)

Sample location: ___ test manhole ___ sample box ___ sewer manhole Other : See below

Date	Time	TDS	Remarks
12.27.94	10:45	320	
1-19-95	9:45	370	
—			
3-29-95	1152	5740	

Comments: Under sink of meat department
Furn-Type grease Trap
business will close ≒ 2 weeks . Steve Beach manager
842-3546

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Nob Hill Coin Op Laundry Date: 12-27-94

Address: 209 W. Main St

Telephone #: 778-3936 Fax #:

Business Type: laundromat Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ other: see below sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12-27-94	10:20	310	
1-19-95	10:25	360	
2-8-95	1330	530	
3-20-95	1140	390	

Comments: back of washing machine

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Nob Hill ~~Shopping Center~~ Date: 12/5/94

Address: 925 Main ST

Telephone #: _____ Fax #: _____

Business Type: ~~Supermarket~~ Shopping center Group: Commercial

H_2O softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12/5/94	~~12~~ 1:00 PM	320	A
1-19-95	9:30	370	
2-8-95	1305 ~~HRS~~	320	
3-21-95	11:15	330	

Comments: Manhole in front of Advance Cleaners Sign on Main St

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: O'HENRYS DONUTS Date: 12.27.94

Address: 500 Vineyard Town Center

Telephone #: 778-5955 Fax #:

Business Type: Bakery Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12-27-94	1145	510	
1-19-95	1:30	280	
2-14-95	1330	340	
3-23-95	1000	390	

Comments: 100 lb grease interceptor at the back of the shop

CHONG YAM - owner/manager

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Pink Elephant Date: 12-8-94

Address: 16915 Monterey

Telephone #: 778-9088 Fax #:

Business Type: Bakery Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12-8-94	11:30 AM	350	1
1-18-95	11:45	410	
2-8-95	1415	370	
3-20-95	1445	550	

Comments: Grease interceptor inside the bakery

Alfonso Meza - manager/owner →

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Safeway Date: 12/15/94

Address: 840 E Dunne

Telephone #: 776-8720 Fax #:

Business Type: Supermarket Group: Sm Commercial

H_2O softener yes X no ___ Serviced yes X no ___

Regen on site yes ___ no X Water usage _____ gpd (avg)

Sample location: test manhole X sample box X sewer manhole ___

Date	Time	TDS	Remarks
12/15/94	2:05	750	8
1/18/95	10:10	610	
2/15/95	1115	530	
3-21-95	10:15	580	

Comments: Grease interceptor @ the back of the store
Al Sopeoweth maint manager
Mark Messenger Store manager

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Sorrel Way + Dunne Date: 12/15/94

Address: Cor: Dunne + Sorrel

Telephone #: _____ Fax #: _____

Business Type: _____ Group: Residential

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12/15/94	1:05	335	(4)
1/19/95	12:10	390	
2/14/95	10:05	450/900	
3-21-92	8:40	400	

Comments: Corner of Dunne + Sorrel; across from 16985 Sorrel St.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Sizzler's Restaurant Date: 12-30-94

Address: 15900 - Monterey Rd.

Morgan Hill, Ca 95037

Telephone #: 779-8663 Fax #:

Business Type: ~~Commercial~~ Fast Food Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no X

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box X sewer manhole ___

Date	Time	TDS	Remarks
12-30-94	10 15 a.m.	350	Interceptor was cleaned early in a.m.
1/18/95	1500	631	4" thick grease
2/14/95	1345	750	
3/20/95	1450	740	Rainy.

Comments: _____

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: St. Louise Hospital Date: 12-15 94

Address: _____

_____

Telephone #: _____ Fax #: _____

Business Type: _____ Group: Industrial Gp

H_2O softener Call manager for yes ___ no ___ Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-15 94	1:35	330	[3]
1-19 95	13:30	390	
2-14 95	10:20	480/960	
3-21-95	9:20	340	

Comments: Mission View Drive manhole @ the rear section of the Hospital SS. close to the telephone pole

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Teddy Bear Wash + Dry Date: 12-8-94

Address: 16905 Monterey

Telephone #: 408 683-8388 Fax #:

Business Type: Laundromat Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no NA Water usage _____ gpd (avg)

Sample location: (at back of washing machine) test manhole ___ sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12-8-94	10:55 AM	660	4
1-19-95	12:00	330	
2-8-95	1435	320	
3-20-95	1345	2900	

Comments: Collection box at the back of each washing machine

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Tenant Station Date: 12/15/94

Address: 404 Tenant (in front of Citibank

Telephone #: _____ Fax #: _____

Business Type: Shopping Center Group: Commercial

H_20 softener yes ___ no ___ Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12/15/94	1135	390	10
1/18/95	1345	370	
2-14-95	13:25	480	
3-27-95	10:15	530	

Comments: manhole on Tenant, in front of Citibank

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Town + Country Carwash Date: 12-8-94

Address: 16940 Monterey

Telephone #: _____ Fax #: _____

Business Type: Carwash Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12.8.94	815	340	
1-18-95	11:30	360	
2-8-95	1355	330	
3-20-95	1308	190	

Comments: Sump under the wash rack

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Vineyard TownCenter Date: 12/15/94

Address: Monterey St (in front of PayLess

Telephone #: _____ Fax #: _____

Business Type: Shopping Center Group: Commercial

H_20 softener yes ___ no ___ Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-15 94	11:05	390	(10)
1-18-95	12:30	530	
2-14-95	13:15	340	
3-23-95	9:30	470	

Comments: Manhole in front of Payless and Eriks + Parking lot
Water softener @ Nob Hill regenerates on site
Nob Hill - [illegible]

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Wilton Date: 12/5/94

Address: 190 Jarvis

Telephone #: 778-2000 Fax #:

Business Type: elect. mfg. Group: Industrial

H_2O softener yes ✓ no ___ Serviced yes ✓ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole ✓

Date	Time	TDS	Remarks
12/5/94	11:00	310	☐ DR clean + finish e. of pipe
12/5/94	11:10	540	☐ " sputter ring end of pipe
		490	* C + f
		510	* S
2/9/95	10:25	360	C+f

Comments: 2/9/95 collected @ 10:25 420 S 2 manholes on Sutter-Jarvis Pr
1 across from the sign of the bldg
2nd off the street on the sidewalk across from sputter bldg
* C + finish

3/20/95 11:00 390 C+f
460
12:00 390 S

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Burger King Date: 12-19-94

Address: 450 - Leavesley Rd.
Gilroy, Ca

Telephone #: 847-3993 Fax #:

Business Type: Fast Food Group: Commercial

H_20 softener yes ___ no Y Serviced yes ___ no Y

Regen on site yes ___ no Y Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box Y 2nd clarifier ___ sewer manhole ___

Date	Time	TDS	Remarks
12-19-94	10 30 a.m.	450	
1-18-95	2 PM	640	
2-23-95	4	630	
3.25.95	1420	470	

Comments: Sample taken from 2nd clarifier compartment

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: CHEVY'S RESTAURANT Date: 12-13-94

Address: 8440 - Murray Ave.
Gilroy, Ca 95020

Telephone #: 847-2726 Fax #:

Business Type: RESTAURANT Group: COMMERCIAL

H_20 softener yes Y no ___ Serviced yes ~~Y~~ no Y

Regen on site yes Y no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box Y sewer manhole ___

Date	Time	TDS	Remarks
12-13-94	2 PM	1530	clarifier was overloaded.
1-19-95	9 15 a.m.	1600	
2-27-95	3 25 p.m.	800	cleaned 3 sides approx
3-27-95	945	1840	clarifier 6" thick w/ grease

Comments: Clarifier TEST MANHOLE located at WEST SIDE of bldg. in BRUSHES. Square ~~Sample~~ box cover is camouflaged with BRUSHES.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Cintas Corp Date: 12-1-94

Address: 964 Hallow Bay Ave

Gilroy, CA

Telephone #: 848-1623 Fax #:

Business Type: Industrial Laundry Group: Commercial

H_2O softener yes X no ___ Serviced yes ___ no X

Regen on site yes X no ___ Water usage _____ gpd (avg)

once a day

Sample location: test manhole X sample box ___ sewer manhole ___

Date	Time	TDS	Remarks SIU
12-1-94	13:15	670	II/9 End of Process
1-6-95	11 45 a.m.	920	Industrial Laundry
2-27-95	1 30 p.m.	1050	
3-23-95	1115	440	

Comments: ~~test manhole~~ Back Parking lot near Clarifier

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Denny's Restaurant Date: 12-13-94

Address: 8425 - San Ysidro Ave.,
Gilroy, CA 95020

Telephone #: 842-7678 Fax #:

Business Type: Restaurant Group: Commercial

H_20 softener yes X no ___ Serviced yes ___ no X

Regen on site yes X no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box X sewer manhole ___

Date	Time	TDS	Remarks
12-13-94	3:45	1070	Clarifier Sample box showed grease being over loaded.
1-15-95	12 Noon	1435	
2-27-95	2 PM	480	Recently cleaned
3-27-95	9:15	310	

Comments: clarifier & Sample box located in northside driveway.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: DUSAN Date: 12-5-94

Address: 8100 - Arroyo Circle

Gilroy, CA 95020

Telephone #: 842-5000 Fax #:

Business Type: METAL FINISHING - CATEGORICAL Group: INDUSTRIAL

H_20 softener yes ___ no X Serviced yes ___ no X

Regen on site yes ___ no X Water usage 2000 gpd (avg)

Sample location: test manhole X sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12-5-94	3 PM	590	
1-18-95	10 AM	650	
2-27-95	1 PM	400	METAL FINISHING Regulated processes gone
3 25 95	11 AM	530	

Comments: Regulated Processes = CHROME plating (CLOSED Loop / ZERO DISCHARGE CHEMETCH GUN Removed — Business is moving out within 2 months.

TEST manhole located in planting strip on FRONT, on Arroyo Circle.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: El Charito Market Date: 12-5-94

Address: 7638 Monterey Rd.
Gilroy, Ca 95020

Telephone #: 842-3659 Fax #:

Business Type: Mexican Market Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no X

Regen on site yes ___ no X Water usage, _____ gpd (avg)

Sample location: test manhole ___ sample box X sewer manhole ___

Date	Time	TDS	Remarks
12-5-94	11 30 a.m.	1500	Oil-grease interceptor was overloaded, Cleanup immediately requested by CCD
1-19-95	1 30 p.m.	1450	
2-27-95	4 30 p.m.	1610	Clean within 5 days requested by CCD
3-25-95	13.15	570	

Comments: Caution: Large Roaming Rottweiler dog in area — Tame?

Processes: - meat market, Corn tortilla and masa production

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: First St. Car Wash Date: 12-13-94

Address: 951 - First St.
Gilroy, CA 95020

Telephone #: 847-9910 Fax #:

Business Type: Car Wash Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no Y

Regen on site yes ___ no X Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box Y sewer manhole ___

Date	Time	TDS	Remarks
12-13-94	11	340	
1-11-95	10:25	340	
2-27-95	10:45	670	
3-21-95	1100	320	

Comments: Sample taken from clarifier's last compartment.
Facility Close during RAIN SEASON.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Gavilan College Date: 12-5-94

Address: 5055 Santa Teresa Blvd.
Gilroy, CA 95020

Telephone #: 847-1400 / 848-4800 Fax #:

Business Type: Jr. College Group: Commercial

H_20 softener yes ___ no ___ Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-5-94	10 45 a.m.	440	
1-19-95	3 pm	670	
2-27-95	12 32	900	
[illegible]	1035	270	

Comments: Manhole located at Northeast corner of Parking Lot A (front lot)
manhole cover painted yellow.
School has pool, chillers, boilers, Science labs, Cafeteria,
Auto Repair, Eqr. maint.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Gaylord Container Corp. Date: 12-13-94

Address: 6400 - Jamieson Way

Gilroy, Ca 95020

Telephone #: 847-6400 Fax #:

Business Type: Fiberboard Manufacturing Group: Industrial

H_2O softener yes X no ___ Serviced yes ___ no X

Regen on site yes X no ___ Water usage _____ gpd (avg)

Sample location: test manhole X sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12-13-94	9:30 a.m.	1250	
1-17-95	1:30 p.m.	1000	
2-27-95	12:20 p.m.	900	Low Flow
~~3-23-95~~	~~2:45~~	4770	Resample - Reason Non-Representative Sample
3-24-95	9:45	1410	

Comments: Test manhole located outside gate

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Gilroy High School Date: 12-5-94

Address: 750 W. Tenth St.
Gilroy, Ca 95020

Telephone #: 847-2424 Fax #:

Business Type: ~~Santa Cruz~~ High School Group: Commercial

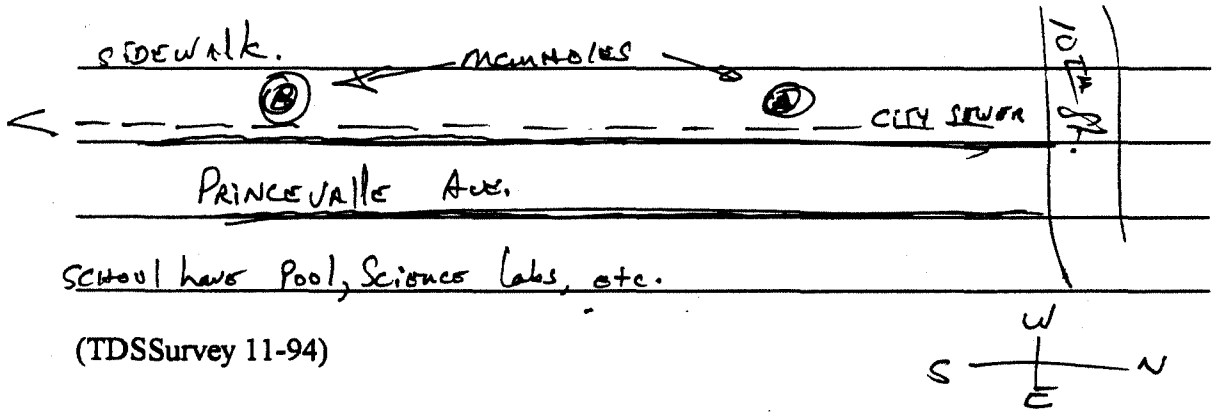
H_2O softener yes X no ___ Serviced yes X no ___

Regen on site yes ___ no X Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-5-94	10 15 a.m.	390	From manhole (A) (2 Laterals from school)
1-20-95	9 45	~~670~~	manhole (A)
2-28-95	10 15	510	manhole A
3-28-95		130	Manhole A

Comments: Unable to get representative sample for TDS at manhole B. Large city line co-mingle with low incomming effluent from school. Manholes (A) & (B) located in lawn at side of sidewalk.



School have Pool, Science Labs, etc.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Gilroy Medical Park Date: 12-13-94

Address: 7880 - Wren Ave.

Gilroy, Ca 95020

Telephone #: 842-2320 Fax #:

Business Type: Medical/Dental Complex Group: Commercial

H_2O softener yes ___ no Y Serviced yes ___ no Y

Regen on site yes ___ no Y Water usage _____ gpd (avg)

Sample location: test manhole V sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12-13-94	1 45 p.m.	310	
1-15-95	11 30 a.m.	302	
2-27-95	11 15 a.m.	740	
3 27 95	1125	370	

Comments: END OF PIPE test manhole located by Concrete fence facing Wren Ave., inside of Fence Area at the end of the MIDDLE Bldg.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Glenn View Elementary School Date: 12-5-94

Address: 600 West 8th St.
Gilroy, Ca 95020

Telephone #: 842-8292 Fax #:

Business Type: Elementary School Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no X

Regen on site yes ___ no X Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-5-94	9:30 a.m.	430	Low Flow, near top of Line
1-17-95	9:15 a.m.	370	
2-25-95	10 am	430	
3.29.95	1400HRS	1300	

Comments: City manhole in middle of street, front of 580 W. 9th St.; manhole service school only.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Golden West Restaurant Date: 12-1-94

Address: 840 ~~Bram Lane~~ Pacheco Pass Highway
Gilroy, Ca

Telephone #: 842-6448 Fax #:

Business Type: Restaurant Group: Commercial

H_2O softener (yes Y no ~~X~~) Serviced yes Y no ___

Regen on site yes ___ no ___ Water usage 2,000 gpd (avg)

Sample location: test manhole ___ sample box X sewer manhole ___

Date	Time	TDS	Remarks
12-1-94	13.00	570	1 Restaurant
1-11-95	11:00 a.m.	550	
2-27-95	1 pm	650	
3 24 95	1055	470	

Comments: Sample Box on East side of the Restaurant

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Hecker Pass Plaza Date: 12-13-94

Address: 1280 - First St.
Gilroy, CA

Telephone #: _____ Fax #: _____

Business Type: Shopping Centers Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no Y

Regen on site yes ___ no Y Water usage _____ gpd (avg)

Sample location: test manhole X sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12-13-94	10^{15}	440	
1-11-95	12^{45} p.m.	730	
2-27-95	10^{30} a.m.	360	
3-27-95	11:15	480	

Comments: End of pipe test manhole for shopping center located at south west corner of lot, next to concrete wall. Sewer discharge to Judith St. (Residential on other side of fence).

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Industrial, Commercial Date: 12-1-94

Address: 6310 chestnut st

Telephone #: _____ Fax #: _____

Business Type: site indust + shopping center Group: Commercial

H_2O softener yes X no ___ Serviced yes X no ___

Regen on site yes ___ no X Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-1-94	10:10	480	(5) chestnut st
1-17-95	10:00	390	
2-28-95	8 45	380	
3-23-95	1:35	420	

Comments: manhole in Front of Martins Recycling Co. Honda Dealership has water Softner DRY clean next to Payless Shoes water soft. Pringle Tractor Co with water Softner

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Industrial Park Date: 12-1-94

Address: 505 Mayock Road

Gilroy

Telephone #: — Fax #: —

Business Type: Industrial Park Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole X sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-1-94	9:30	270	(5) Ind Park
1-18-95	10 Tue	33=	
2-27-95	12 45	440	
3-23-95	14:10	610	

Comments: manhole in Front of Simsen Industrial Square Sign

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Pay/less K-Mart shopping Center Date: 12-1-94

Address: Chestnut Ave

Telephone #: _____ Fax #: _____

Business Type: Shopping Centers Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-1-94	14:45	300	10 shopping center
1-17-95	9 45	312	
2-25-95	8 30	530	
3-27-95	1:45	420	

Comments: manhole in the street next to left station on chestnut Recieving K Mart Pay/Less shopping center

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: LAUNDERLAND Date: 12-19-94

Address: 343 - E. TENTH St., #F

G. Trop, La

Telephone #: 842-1854 / 848-3791 — My. Home Fax #:

Business Type: LAUNDROMAT Group: COMMERCIAL

H_20 softener yes ___ no Y Serviced yes ___ no Y

Regen on site yes ___ no Y Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole ___ X — Discharge pipe

Date	Time	TDS	Remarks
12-19-94	9 35	1400	
1-20-95	9 15 a.m.	663	
2-27-95	1 15 p.m.	640	
3-27-95	11:43	~~300~~ 300	

Comments: Sample taken from WASH WATER DISCHARGE — discharging cycle was WASH cycle.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: LAUNDERLAND Date: 12-13-94

Address: 6050 - W Kew Ave.
Gilroy, Ca 95020

Telephone #: 847-1030 Fax #:

Business Type: Laundromat Group: Commercial

H_20 softener yes ___ no Y Serviced yes ___ no Y

Regen on site yes ___ no ~~x~~ Water usage _____ gpd (avg)

Sample location: test manhole ___ ~~sample box~~ Y sewer manhole ___

Date	Time	TDS	Remarks
12-13-94	12 15	1040	
1-20-95	10 30 am	1200	
2-28-95	12	700	
3-27-95	11:00	290	

Comments: Sample taken from TRENCH drain in back of WASHERS.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Light Indust Park Date: 12-1-94

Address: 6600 Brem Lane
Gilroy

Telephone #: _____ Fax #: _____

Business Type: machine shops Body shops Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-1-94	11:30	300	(5) 6600 Brem Lne
1-11-95	11:15 am.	950	
2-27-95	1:10 pm.	520	
3-24-95	11:00	360	

Comments: _____

~~Eagle Way~~ Brem Lane mini storage manhole at the End of Building F-53. City sewer from Light industrial park runs through mini-storage facility.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Light Industrial Park Date: 12-1-94

Address: Engle Ave and Luchessa Ave
Gilroy, CA

Telephone #: _____ Fax #: _____

Business Type: Industrial Park Group: Commercial

H_2O softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage 2000 gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-1-94	13:30	560	(5) Lite Ind. Park
1-17-95	10:30	550	
2-27-95	12 45	560	
3-23-95	14.00	230	

Comments: First manhole on Engle Ave in front of Versteco Cc

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Lucky's Date: 12-1-94

Address: 6906 Chestnut

Gilroy

Telephone #: 847-1062 Fax #:

Business Type: supermarket Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage 2000 gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-1-94	14:30	340	⚠8 included Gilroy Cinema
1-[illegible]-95	3 PM	560	
2-27-95	12 45 PM	890	
3-29-95		—	unable to sample

Comments: Sewer manhole on South side of the Building adjacent to Gilroy Motor [illegible]

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: McDonald's Date: 12-20-94

Address: 8890 Arroyo Circle

Gilroy, Ca 95020

Telephone #: 847-5446 Fax #:

Business Type: Fast Food Group: Commercial

H_20 softener yes ___ no ___ Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box X sewer manhole ___

Date	Time	TDS	Remarks
12-20-94	10 am	450	clarifier was overloaded with grease
1-19-95	8 30 am	780	
2-28-95	11 a.m.	650	
3.25 95	1415	590	

Comments: Sample box was very difficult to open — used pick up. truck's crane

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: McDonald's Date: 12-1-94

Address: 6990 Chestnut St.
Gilroy, CA

Telephone #: 842-7775 Fax #: —

Business Type: Fast Food Restaurant Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box X sewer manhole ___

Date	Time	TDS	Remarks
12-1-94	13:45	760	⚠ Fast Food
1-11-95	11 ^{30} a.m.	750	
2-27-95	2 ^{45} p.m.	680	
7.22.95	13 ^{30}	320	

Comments: Sample Box on the South Side of the Building in the landscaping area

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Michael's Coin Car Wash Date: 12-5-94

Address: 7949 — Monterey Rd.

Gilroy, Ca 95020

(847-1730)

Telephone #: 847-7730 Fax #:

Business Type: Self operate Coin Car Wash Group: Commercial

H_20 softener yes ___ no ✓ Serviced yes ___ no ✓

Regen on site yes ___ no ✓ Water usage 400 gpd (avg)

Sample location: test manhole ___ sample box ✓ sewer manhole ___

Date	Time	TDS	Remarks
12-5-94	1:15 p.m.	300	Last compartment sampled.
1-19-95	2 p.m.	330	
2-23-95	3:45 p.m.	650	
3.20.95	1340	340	

Comments: Sample taken from 3rd compartment of clarifier [(2' x 2' x 2') x 3]. Clarifier location is in 3rd Bay — starting from LEFT.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

(3)

Name: Outlet Mall - Phase ~~II~~ III Date: 12-21-94

Address: 8300 - Camino Arroyo

Gilroy, Ca

Telephone #: 842-3729 Fax #:

Business Type: Shopping Centers Group: Commercial

H_20 softener yes X no ___ Serviced yes ___ no X

Regen on site yes X no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-21-94	10 ~~00~~ am	540	
1-17-95	4 p.m.	500	
2-~~28~~-95	11 30 a.m.	500	
3-25-95	1500	690	

Comments: Sample taken from one of 2 manhole in front of Kohl's Store / unit #380 — The manhole is the most northern manhole of the two.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Pink Elephant #3 Date: 12-1-94

Address: 340 E 10th ct.

Gilroy

Telephone #: 8429168 Fax #:

Business Type: Bakery Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
12-1-94	3:30	320	A Bakery
1-20-95	10:30 a.m.	740	
2-28-95	10:30 a.m.	540	
3-21-95	9:08	470	

Comments: Sample from sewer manhole in front of Subway on 10th ct in the Ivy area.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Premiere Autobody Date: 12-5-94

Address: 101- Leavesley Rd.

Gilroy, Ca 95020

Telephone #: (408) 848-3883 Fax #:

Business Type: Autobody Shop Group: Commercial

H_20 softener yes ___ no X Serviced yes ___ no X

Regen on site yes ___ no X Water usage 500 gpd (avg)

Sample location: test manhole ___ sample box X sewer manhole ___

Date	Time	TDS	Remarks
12-5-94	1 45 pm	2600	
1-11-95	2 [illegible]	2[illegible]0	
2-27-95	4 1.5 p.m.	350	
3-21-95	1005	260	

Comments: Sample taken from clarifier's 2nd compartment by existing effluents. Compartment = 2 compartment, 800 gallon. located outside office window area.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: PCW Market Date: 12-19-94

Address: 260 - E. Tenth St.
Gilroy, Ca

Telephone #: 848-5277 Fax #:

Business Type: Super markets Group: Commercial

H_20 softener yes Y no ___ Serviced yes ___ no Y

Regen on site yes Y no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box Y sewer manhole ___

Date	Time	TDS	Remarks
12-19-94	9:15 a.m.	400	
1-11-95	12- noon	670	
2-27-95	1 pm	850	
3-24-95	9:00	370	

Comments: Sample clarifier's sample box located on west side of Bldg. — Problem area — (in) parking spaces

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Residential Date: 1-17-95

Address: 235 Victoria

Telephone #: _____ Fax #: _____

Business Type: N/A Group: Residential

H_20 softener yes ___ no X Serviced yes ___ no X

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
9-19-94	10:30	520	
1-17-95	10:15	325	
2-25-95	9 Am	460	
3-25-95	10:00	940	

Comments: Victoria and Sussex

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Residental Date: 1-17-95

Address: 575 Seventh, Maple - Gilroy

Telephone #: _____ Fax #: _____

Business Type: _____ Group: Residental

H_20 softener yes ___ no X Serviced yes ___ no X

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole X

Date	Time	TDS	Remarks
1-19-94	11:00	340	
1-17-95	9:15	260	
2-25-95	9 15 a.m.	410	
3-25-95	13:00	360	

Comments: _____

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Residential Date: 1-17-95

Address: 753 Alandra & Wellborn

Telephone #: _____ Fax #: _____

Business Type: _____ Group: Residential

H_20 softener yes ___ no ___ Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
9-19-94	11:30	440	
1-17-95	10:30	352	
2-25-95	9:45	430	
3-29-95	10:20	400	

Comments: _____

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Residential Date: 1-17-95

Address: Delta and Welburn

Telephone #: _____ Fax #: _____

Business Type: N/A Group: Residential

H_20 softener yes ___ no ___ Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
9-19-94	10:00	440	
1-17-95	10:45	410	
2-27-95	10:15 am	390	
3-27-95	1035	400	

Comments:

Intersection on the Street

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Safeway Market Date: 12-13-94

Address: 845 - First St.
Gilroy, CA 95020

Telephone #: 842-0358 Fax #:

Business Type: Supermarkets Group: Commercial

H_20 softener yes ___ no Y Serviced yes ___ no Y

Regen on site yes ___ no Y Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box Y sewer manhole ___

Date	Time	TDS	Remarks
12-13-94	11^{45}	450	Sampled last compartment of 40# grease trap.
1-19-95	2^{30} p.	430	
2-27-95	11 am	760	
3.27.95	1050	270	

Comments: Grease trap located at the back of the meat market.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Seed System Date: 12-19-94

Address: 8333 - Swanston Lane
Gilroy, Ca

Telephone #: 848-8120 Fax #:

Business Type: Seed Coating Production Group: Industrial

H_20 softener yes ___ no X Serviced yes ___ no X

Regen on site yes ___ no X Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box X sewer manhole ___

Date	Time	TDS	Remarks
12-19-94	~~3:30~~ p.m.	280	
1-18-95	2:15	310	
2-28-95	11:45	640	
3 25 95	1345	470	

Comments: Sample taken from LIFT Station where the clarifier discharges into.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Service Soft Date: 12-19-94

Address: 8111 - Swanston Lane

Gilroy, Ca

Telephone #: 847-2277 Fax #:

Business Type: Water Softening Service Group: Industrial

H_20 softener yes X no ___ Serviced yes ___ no Y ___

Regen on site yes Y no ___ Water usage 2000 gpd (avg)

Y - end of process before S.S.

Sample location: test manhole ___ sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12-19-94	11 45 a.m.	3400	
1-[illegible]-95	4"	1480	
2-27-95	4 10 p-	1910	
3.25.95	1400 HRS	750	

Comments: Sample taken from trench just before discharging into the sanitary sewer — inside bldg.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: SHELL Service Station Date: 12-5-94

Address: 400 - Leavesley Rd.
Gilroy, CA 95020

Telephone #: (408) 842-5227 Fax #:

Business Type: Service Station with CAR WASH Group: Commercial

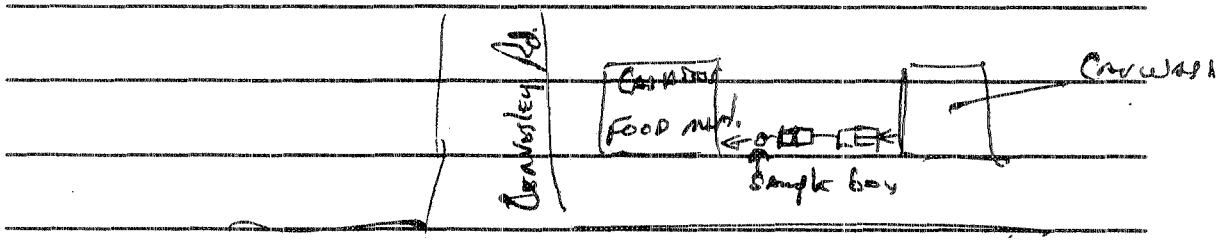
H_2O softener yes ___ no X Serviced yes ___ no X

Regen on site yes ___ no X Water usage _____ gpd (avg)

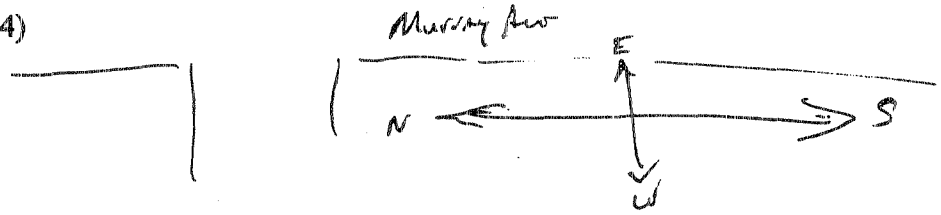
Sample location: test manhole ___ sample box X sewer manhole ___

Date	Time	TDS	Remarks
12-5-94	2 PM	310	
1-13-95	12:30	250	
2-27-95	4 PM	380	
3.24.95	1405	200	

Comments: Sample taken from sample box after 4th Clarifier compartment. Sample box located between car wash bldg. and Food Mart/Cashier's bldg.



(TDSSurvey 11-94)



TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: South County Chrysler Date: 12-5-94

Address: 6600 Chestnut St.
Gilroy, Ca

Telephone #: 842-8244 Fax #:

Business Type: Auto Dealership Group: Commercial

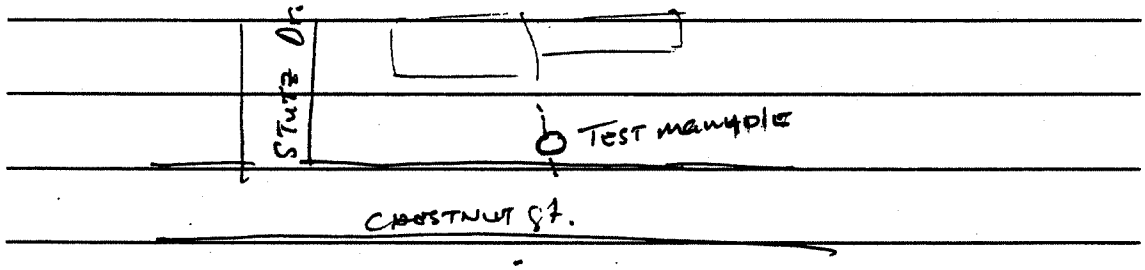
H_20 softener yes ___ no X Serviced yes ___ no X

Regen on site yes ___ no X Water usage _____ gpd (avg)

Sample location: test manhole X sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12-5-94	11 10 am	560	
1-17-95	2 20 pm	610	
2-27-95	3 pm	680	
3 24 95	935	700	

Comments: Test manhole (end-of-pipe) located in grass area next to sidewalk on Chestnut street.



(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: South Valley Hospital Date: 12-6-94

Address: 9400 - No Name CWO

Gilroy, Ca 95020

Telephone #: (408) 848-2000 Fax #:

Business Type: Hospital Group: Commercial

H_20 softener yes ___ no ___ Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage 25,000 gpd (avg)

Sample location: test manhole X sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12-6-94	1 45 p.m.	560	
1-18-95	11 a.m.	620	
2-27-95	2 15 p.m.	600	
3.24.95	1520	430	

Comments: Manhole located at right side of entry road.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: South Valley Jr. High Date: 12-21-94

Address: 240 Swanston Lane

Gilroy, Ca

Telephone #: 847-3377 Fax #:

Business Type: Schools Group: Commercial

H_20 softener yes ___ no x Serviced yes ___ no x

Regen on site yes ___ no x Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole x

Date	Time	TDS	Remarks
12-21-94	9^{45} a.m.	400	School Closed due to Xmas Break
1-17-95	12 p.m.	440	
2-25-95	9^{30} a.m.	1400	
[illegible]	[illegible]	1400	

Comments: Sample taken in middle of street in front of residence at 400 I.O.O.F. St.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: South Valley Medical Pavillion Date: 12-6-94

Address: 9660 - No Name Uno Ave.
Gilroy, Ca 95020

Telephone #: _____ Fax #: _____

Business Type: Medical office/clinic Complex Group: Commercial

H_20 softener yes ___ no Y Serviced yes ___ no Y

Regen on site yes ___ no Y Water usage unknown gpd (avg)

Sample location: test manhole X sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
12-6-94	7:00 p.m.	410	TRC complex was having a sewer stoppage
1-15-95	11:?? a.m.	305	
2-27-95	2:?? p.m.	430	
3-24-95	1535	430	

Comments: Test manhole located ABOUT 20 Ft. from No Name Uno ave. Facility is 3 story with numerous occupants. Water usages not available.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Tompkins Ct. / Murray Ave. **Date:** 12-13-94

Address: 8900 – Murray Ave.
Gilroy, Ca 95020

Telephone #: _____ **Fax #:** _____

Business Type: INDUSTRIAL (LITE) PARK **Group:** Commercial

H_20 softener yes ___ no Y **Serviced** yes ___ no Y

Regen on site yes ___ no Y **Water usage** _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole Y

Date	Time	TDS	Remarks
12-13-94	2 45 p.m.	370	
1-19-95	11 15 a.m.	350	
2-27-95	3 30 p.m.	430	
3-27-95	1000	520	

Comments: SEWER MANHOLE SERVICES LITE INDUSTRIAL PARK by Tompkins Court & Murray Ave. Manhole located ACROSS 8900 – Murray Ave, EAST SIDE OF Murray Ave. next (NORTHSIDE) to BRIDGE.

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Village Car Wash Date: 12-13-94

Address: 8383 - Church St.
Gilroy, CA 95020

Telephone #: 848-1801 Fax #:

Business Type: Car Wash Group: Commercial

H_20 softener yes ___ no Y Serviced yes ___ no Y

Regen on site yes ___ no Y Water usage _____ gpd (avg)

Sample location: test manhole ___ ~~sample box~~ Y sewer manhole ___

Date	Time	TDS	Remarks
12-13-94	1 PM	410	
1-1-95	1 PM	350	
2-23-95	3 PM	1000	
3.28.95	10:10	440	

Comments: Sample taken from last clarifier compartment

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Westwood Wash & Dry Date: 12-21-94

Address: 7960-G Westwood Dr.

Gilroy, Ca

408/287-1215 — Owner's ph. / Barry Ramos

Telephone #: 847-3222 — Laundromat Fax #: _____

Business Type: Laundromat Group: Commercial

H_20 softener yes X no ___ Serviced yes ___ no X

Regen on site yes X no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box X — end of process ___ sewer manhole ___

Date	Time	TDS	Remarks
12-21-94	3:15	1300	Sampling done in Locked back room
1-20-95	11 am	560	
2-25-95	12:15 p.m.	600	
3-27-95	1200	1290	

Comments: Sample taken from back room where big box washers discharge ....Locked Room.

(TDSSurvey 11-94)

FAX COVER SHEET

OMI
OPERATIONS MANAGEMENT
INTERNATIONAL, INC.

DATE: 3/29/95

TO: Ramesh Babu

OFFICE: JMM Walnut Creek

FAX PHONE: X 28

SENT FROM: Al Sleclita

CO: OMI, INC., 1500 SOUTHSIDE DR.

CITY: GILROY CA: 95020

FAX: 408-842-0873 OFFICE: 408-848-0480

NO. OF PAGES TRANSMITTED: 5
(including cover)

SPECIAL INSTRUCTIONS OR COMMENTS:

Septage — March 95

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Septage Rec'd @ WWTP Date: February, 95

Address: _____

_____

Telephone #: _____ Fax #: _____

Business Type: _____ Group: _____

H_20 softener yes ___ no ___ Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
2-27-95	1245	744	Tims Septic

Comments: _____

EC - 1525 umhos

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Septage Rec'd @ WWTP Date: March 1995

Address: _____

_____

Telephone #: _____ Fax #: _____

Business Type: _____ Group: _____

H_20 softener yes ___ no ___ Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
3-14-95	1225	7780	Jim's Septic

Comments: _____

EC - 15,620 umhos

(TDSSurvey 11-94)

TOTAL DISSOLVED SOLIDS SURVEY
SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY

Name: Septage Rec'd @ WWTP Date: March 1995

Address: _____

_____

Telephone #: _____ Fax #: _____

Business Type: _____ Group: _____

H_2O softener yes ___ no ___ Serviced yes ___ no ___

Regen on site yes ___ no ___ Water usage _____ gpd (avg)

Sample location: test manhole ___ sample box ___ sewer manhole ___

Date	Time	TDS	Remarks
3/24/95	1400	5100	ASAX Septage

Comments: _____

EC – 10,210 mhos.

(TDSSurvey 11-94)

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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0615801              SERVICE ADDRESS
 CUSTOMER NAME                         16940    MONTEREY ST
 TOWN & COUNTRY+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/07/95       3768          32 N     28 |
 TOWN & COUNTRY|   1 DEF IN     1 01/10/95       3736          39 N     35 |
               |   1 DEF IN     1 12/06/94       3697          24 N     25 |
 16940     MONTE|   1 DEF IN     1 11/11/94       3673          38       29 |
               |   1 DEF IN     1 10/13/94       3635          57       36 |
               |   1 DEF IN     1 09/07/94       3578          55       27 |
               |   1 DEF IN     1 08/11/94       3523          70       34 | LTY N
 PROPERTY ID   |   1 DEF IN     1 07/08/94       3453          52       28 | APE
 SOC SECURITY # |   1 DEF IN     1 06/10/94       3401          44       30 |
 CA DRIVERS LIC|   1 DEF IN     1 05/11/94       3357          42       34 |
 SERVICE       |   1 DEF IN     1 04/07/94       3315          42       29 | L DUE
   1 DEF IN    |   1 DEF IN     1 03/09/94       3273          30       27 |  0.00
   7 C  1-5    |   1 DEF IN     1 02/10/94       3243          30       29 |
   8 C 6-10    |              PRESS ESCAPE TO EXIT DISPLAY                  |
   9 C 11->    |                                                 391        | 1.41
               +-------------------------------------------------------+

 device     pf      basic     modes  10    18  COMMAND   file      HELP      EXIT
control     keys    config    keys     CN       LINE    transfer
                                       16:05    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0623900              SERVICE ADDRESS
 CUSTOMER NAME                         16940    MONTEREY ST LANDSCAPE
 TOWN & COUNTRY+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/07/95        889           0 N     28 |
 TOWN & COUNTRY|   1 DEF IN     1 01/10/95        889           0 N     35 |
               |   1 DEF IN     1 12/06/94        889           0 N     25 |
 16940     MONTE|   1 DEF IN     1 11/11/94        889           0       29 |
               |   1 DEF IN     1 10/13/94        889           0       36 |
               |   1 DEF IN     1 09/07/94        889           2       27 |
               |   1 DEF IN     1 08/11/94        887           0       34 | LTY N
 PROPERTY ID   |   1 DEF IN     1 07/08/94        887           0       28 | APE
 SOC SECURITY # |   1 DEF IN     1 06/10/94        887           0       30 |
 CA DRIVERS LIC|   1 DEF IN     1 05/11/94        887           0       34 |
 SERVICE       |   1 DEF IN     1 04/07/94        887           0       29 | L DUE
   1 DEF IN    |   1 DEF IN     1 03/09/94        887           0       27 |  0.00
  13 L 1-5     |   1 DEF IN     1 02/10/94        887           0       29 |
  14 L 6-10    |              PRESS ESCAPE TO EXIT DISPLAY                  |
  15 L 11->    |                                                            | 0.07
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1203600              SERVICE ADDRESS
 CUSTOMER NAME                         16170    JACQUELINE CT-LANDSCAPE
 B.A.S.PRECISIO+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 02/07/95      4862          51 N     27 |
 B.A.S.PRECISIO|   1 DEF IN    1 01/11/95      4811          67 N     36 |
               |   1 DEF IN    1 12/06/94      4744          46 N     25 |
 16170    JACQU|   1 DEF IN    1 11/11/94      4698          50       29 |
               |   1 DEF IN    1 10/13/94      4648          23       36 |
               |   1 DEF IN    1 09/07/94      4625         175       27 |
               |   1 DEF IN    1 08/11/94      4450         281       34 | LTY I
 PROPERTY ID   |   1 DEF IN    1 07/08/94      4169         324       28 | APE
 SOC SECURITY #|   1 DEF IN    1 06/10/94      3845         154       30 |
 CA DRIVERS LIC|   1 DEF IN    1 05/11/94      3691         141       34 |
 SERVICE       |   1 DEF IN    1 04/07/94      3550          50       28 | L DU
   1 DEF IN    |   1 DEF IN    1 03/10/94      3500          55       28 | 06.1
  13 L 1-5     |   1 DEF IN    1 02/10/94      3445          54       28 |
  14 L 6-10    |          PRESS ESCAPE TO EXIT DISPLAY      1471      390 | 3.7
  15 L 11->    |                                                         |
               +-------------------------------------------------------+

 device     pf      basic     modes  10    18  COMMAND   file      HELP     EXIT
control     keys    config    keys     CN       LINE    transfer
                                       15:01    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1203700              SERVICE ADDRESS
 CUSTOMER NAME                         16170    JACQUELINE CT-BLDG
 B.A.S. PRECISI+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 02/07/95      4038          81 N     27 |
 B.A.S. PRECISI|   1 DEF IN    1 01/11/95      3957          87 N     36 |
               |   1 DEF IN    1 12/06/94      3870          63 N     25 |
 16170    JACQU|   1 DEF IN    1 11/11/94      3807          81       29 |
               |   1 DEF IN    1 10/13/94      3726          91       36 |
               |   1 DEF IN    1 09/07/94      3635          65       27 |
               |   1 DEF IN    1 08/11/94      3570          85       34 | LTY N
 PROPERTY ID   |   1 DEF IN    1 07/08/94      3485          68       28 | APE
 SOC SECURITY #|   1 DEF IN    1 06/10/94      3417          89       30 |
 CA DRIVERS LIC|   1 DEF IN    1 05/11/94      3328         152       34 |
 SERVICE       |   1 DEF IN    1 04/07/94      3176         101       28 | L DUE
   1 DEF IN    |   1 DEF IN    1 03/10/94      3075         121       28 | 02.40
   7 C  1-5    |   1 DEF IN    1 02/10/94      2954         136       28 |
   8 C 6-10    |          PRESS ESCAPE TO EXIT DISPLAY      1220      390 | 3.13
   9 C 11->    |                                                         |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0721102            SERVICE ADDRESS
 CUSTOMER NAME                       16025    MONTEREY ST              BLDG
 BURGER KING #2+-----------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/21/95       1666          43 N     29 |
 BURGER KING CO|   1 DEF IN     1 01/23/95       1623          54 N     35 |
               |   1 DEF IN     1 12/19/94       1569          45 N     28 |
 C/O REST      |   1 DEF IN     1 11/21/94       1524          46 N     28 |
 MORGAN HILL CA|   1 DEF IN     1 10/24/94       1478          49       28 |
 95037         |   1 DEF IN     1 09/26/94       1429          58       34 |
               |   1 DEF IN     1 08/23/94       1371          51       28 |LTY N
 PROPERTY ID   |   1 DEF IN     1 07/26/94       1320          63       36 |
 SOC SECURITY # |   1 DEF IN     1 06/20/94       1257          42       28 |
 CA DRIVERS LIC|   1 DEF IN     1 05/23/94       1215          38       28 |
 SERVICE       |   1 DEF IN     1 04/25/94       1177          40       35 |L DUE
   1 DEF IN    |   1 DEF IN     1 03/21/94       1137          26       27 |94.64
   3 IN  1-5   |   1 DEF IN     1 02/22/94       1111          25       28 |
   4 IN 6-10   |            PRESS ESCAPE TO EXIT DISPLAY        580      392 | 1.48
   5 I 11-30   |                                                            |
               +------------------------------------------------------------+

 device     pf      basic     modes  10    18  COMMAND   file      HELP      EXIT
control     keys    config    keys     CN       LINE    transfer
                                       15:08    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0724601            SERVICE ADDRESS
 CUSTOMER NAME                       16025    MONTEREY ST            LANDSCAP
 BURGER KING #2+-----------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/21/95       7501          0 Y      29 |
 BURGER KING CO|   1 DEF IN     1 01/23/95       7506         20 N      35 |
               |   1 DEF IN     1 12/19/94       7486         44 N      28 |
 16025    MONTE|   1 DEF IN     1 11/21/94       7442         40 N      28 |
 MORGAN HILL CA|   1 DEF IN     1 10/24/94       7402         49        28 |
 95037         |   1 DEF IN     1 09/26/94       7353        207        34 |
 C/O RESTAURANT|   1 DEF IN     1 08/23/94       7146         89        28 |LTY N
 PROPERTY ID   |   1 DEF IN     1 07/26/94       7057        126        36 |APE
 SOC SECURITY # |   1 DEF IN     1 06/20/94       6931         80        28 |
 CA DRIVERS LIC|   1 DEF IN     1 05/23/94       6851         53        28 |
 SERVICE       |   1 DEF IN     1 04/25/94       6798         70        35 |L DUE
   1 DEF IN    |   1 DEF IN     1 03/21/94       6728         12        27 |13.74
  13 L 1-5     |   1 DEF IN     1 02/22/94       6716         20        28 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY        810      392 | 2.07
  15 L 11->    |                                                            |
               +------------------------------------------------------------+
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QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 2506300 SERVICE ADDRESS
CUSTOMER NAME 15850 CONCORD CR-LAND
LEONARD COMPAN

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY
1 DEF IN	1	02/07/95	7804		17 N	27
1 DEF IN	1	01/11/95	7787		25 N	36
1 DEF IN	1	12/06/94	7762		26 N	25
1 DEF IN	1	11/11/94	7736		53	29
1 DEF IN	1	10/13/94	7683		96	36
1 DEF IN	1	09/07/94	7587		118	27
1 DEF IN	1	08/11/94	7469		192	34
1 DEF IN	1	07/08/94	7277		83	28
1 DEF IN	1	06/10/94	7194		71	30
1 DEF IN	1	05/11/94	7123		74	34
1 DEF IN	1	04/07/94	7049		102	28
1 DEF IN	1	03/10/94	6947		78	28
1 DEF IN	1	02/10/94	6869		65	28

PRESS ESCAPE TO EXIT DISPLAY 1000 390

OWNER NAME/ADD
LEONARD COMPAN

15850 CONCO

PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
13 L 1-5
14 L 6-10
15 L 11->

LTY IN
APE

L DUE
0.00

2.56

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 9513000 SERVICE ADDRESS
CUSTOMER NAME CORP YD/EDES CRT-BLDG
CITY OF MORGAN

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1	02/21/95	354		10 N	29	
1 DEF IN	1	01/23/95	344		13 N	35	
1 DEF IN	1	12/19/94	331		11 N	28	
1 DEF IN	1	11/21/94	320		12 N	28	
1 DEF IN	1	10/24/94	308		11	28	
1 DEF IN	1	09/26/94	297		14	34	
1 DEF IN	1	08/23/94	283		11	28	LTY Y
1 DEF IN	1	07/26/94	272		14	36	
1 DEF IN	1	06/20/94	258		15	28	
1 DEF IN	1	05/23/94	243		12	28	
1 DEF IN	1	04/25/94	231		12	35	L DUE
1 DEF IN	1	03/21/94	219		8	27	49.15
1 DEF IN	1	02/22/94	211		7	28	
		PRESS ESCAPE TO EXIT DISPLAY			150	392	0.38

OWNER NAME/ADD
CITY OF MORGAN

17555 PEAK
MORGAN HILL, C
95037

PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
140 SW/OFFC
176 PRE-NON
DELINQ

```
QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0208201              SERVICE ADDRESS
 CUSTOMER NAME                         16725    CONDIT RD-BLDG
 DAN GAMEL'S MO+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/06/95       801          40 N     27 |
 SUNSET MOTORS |   1 DEF IN     1 01/10/95       761          40 N     36 |
               |   1 DEF IN     1 12/05/94       721          43 N     27 |
 16725     CONDI   1 DEF IN     1 11/08/94       678          50       27 |
               |   1 DEF IN     1 10/12/94       628          75       36 |
               |   1 DEF IN     1 09/06/94       553          52       29 |
               |   1 DEF IN     1 08/08/94       501          75       33 | LTY N
 PROPERTY ID   |   1 DEF IN     1 07/06/94       426          60       29 |
 SOC SECURITY # |  1 DEF IN     1 06/07/94       366          47       28 |
 CA DRIVERS LIC |  1 DEF IN     1 05/10/94       319          61       35 |
 SERVICE       |   1 DEF IN     1 04/05/94       258          59       28 | L DUE
   1 DEF IN    |   1 DEF IN     1 03/08/94       199          49       29 | 16.3(
   7 C  1-5    |   1 DEF IN     1 02/07/94       150          20       28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      671      392 | 1.71
   9 C 11->    |                                                          |
               +-------------------------------------------------------+

 device      pf      basic      modes  10     18  COMMAND    file      HELP      EXIT
control      keys    config     keys      CN        LINE     transfer
                                          15:15     CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0208400              SERVICE ADDRESS
 CUSTOMER NAME                         16725    CONDIT RD-LANDSCAPE
 DAN GAMEL'S MH+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/06/95      1635           0 N     27 |
 DAN GAMEL'S MH|   1 DEF IN     1 01/10/95      1635           0 N     36 |
               |   1 DEF IN     1 12/05/94      1635          33 N     27 |
 16725     CONDI   1 DEF IN     1 11/08/94      1602         134       27 |
               |   1 DEF IN     1 10/12/94      1468         225       36 |
               |   1 DEF IN     1 09/06/94      1243         192       29 |
               |   1 DEF IN     1 08/08/94      1051         281       33 | LTY N
 PROPERTY ID   |   1 DEF IN     1 07/06/94       770         242       29 |
 SOC SECURITY # |  1 DEF IN     1 06/07/94       528         132       28 |
 CA DRIVERS LIC |  1 DEF IN     1 05/10/94       396         155       35 |
 SERVICE       |   1 DEF IN     1 04/05/94       241         237       28 | L DUE
   1 DEF IN    |   1 DEF IN     1 03/08/94         4           4       29 | 8.15
  13 L 1-5     |   1 DEF IN     1 02/07/94         0           0        4 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      1635      368 | 4.44
  15 L 11->    |                                                          |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1302501              SERVICE ADDRESS
 CUSTOMER NAME                         370      W. DUNNE AV              #2
 DOCTORS SMITH +-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/21/95      1323          17 N     29 |
 DR. YELLICH   |   1 DEF IN     1 01/23/95      1306          19 N     34 |
               |   1 DEF IN     1 12/20/94      1287          16 N     29 |
 7880      WREN|   1 DEF IN     1 11/21/94      1271          19 N     28 |
 GILROY CA     |   1 DEF IN     1 10/24/94      1252          10       28 |
 95020         |   1 DEF IN     1 09/26/94      1242           7       34 |
               |   1 DEF IN     1 08/23/94      1235           9       29 | LTY N
 PROPERTY ID   |   1 DEF IN     1 07/25/94      1226           8       35 | APE
 SOC SECURITY # |  1 DEF IN     1 06/20/94      1218           8       28 |
 CA DRIVERS LIC|   1 DEF IN     1 05/23/94      1210           8       28 |
 SERVICE       |   1 DEF IN     1 04/25/94      1202          13       34 | L DUE
   1 DEF IN    |   1 DEF IN     1 03/22/94      1189           5       28 | 79.75
   7 C  1-5    |   1 DEF IN     1 02/22/94      1184           3       29 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      142      393 | 0.36
   9 C 11->    |                                                           |
               +-------------------------------------------------------+

 device     pf      basic     modes  10    18  COMMAND   file      HELP      EXIT
control     keys    config    keys     CN       LINE    transfer
                                       15:23    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1396700              SERVICE ADDRESS
 CUSTOMER NAME                         370      W. DUNNE AV-LAND
 EVERGREEN PARK+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/21/95      3091          16 N     29 |
 EVERGREEN PARK|   1 DEF IN     1 01/23/95      3075          18 N     34 |
               |   1 DEF IN     1 12/20/94      3057          17 N     29 |
 370       W. DU|   1 DEF IN     1 11/21/94      3040          14 N     28 |
 MORGAN HILL CA|   1 DEF IN     1 10/24/94      3026          15       28 |
 95037         |   1 DEF IN     1 09/26/94      3011          17       34 |
               |   1 DEF IN     1 08/23/94      2994          11       29 | LTY N
 PROPERTY ID   |   1 DEF IN     1 07/25/94      2983          10       35 | APE
 SOC SECURITY # |  1 DEF IN     1 06/20/94      2973          13       28 |
 CA DRIVERS LIC|   1 DEF IN     1 05/23/94      2960          10       28 |
 SERVICE       |   1 DEF IN     1 04/25/94      2950          11       34 | L DUE
   1 DEF IN    |   1 DEF IN     1 03/22/94      2939           8       28 | 30.15
  13 L 1-5     |   1 DEF IN     1 02/22/94      2931           7       29 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      167      393 | 0.42
  15 L 11->    |                                                           |
               +-------------------------------------------------------+
```

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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1396800              SERVICE ADDRESS
 CUSTOMER NAME                         370      W. DUNNE AV              #3
 JON HATAKEYAMA+-------------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY    |
 OWNER NAME/ADD|   1 DEF IN    1 02/21/95        852            6 N     29   |
 JON HATAKEYAMA|   1 DEF IN    1 01/23/95        846            5 N     34   |
               |   1 DEF IN    1 12/20/94        841            4 N     29   |
 370      W. DU|   1 DEF IN    1 11/21/94        837            9 N     28   |
 MORGAN HILL CA|   1 DEF IN    1 10/24/94        828            6       28   |
 95037         |   1 DEF IN    1 09/26/94        822            6       34   |
               |   1 DEF IN    1 08/23/94        816            5       29   | LTY N
 PROPERTY ID   |   1 DEF IN    1 07/25/94        811            5       35   | APE
 SOC SECURITY # |   1 DEF IN    1 06/20/94        806            5       28   |
 CA DRIVERS LIC|   1 DEF IN    1 05/23/94        801            8       28   |
 SERVICE       |   1 DEF IN    1 04/25/94        793           23       34   | L DUE
   1 DEF IN    |   1 DEF IN    1 03/22/94        770            8       28   | 48.4(
   7 C  1-5    |   1 DEF IN    1 02/22/94        762            5       29   |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY         95      393   | 0.24
   9 C 11->    |                                                              |
               +-------------------------------------------------------------+

 device      pf      basic      modes  10     18  COMMAND   file      HELP      EXIT
control     keys    config      keys      CN        LINE   transfer
                                          15:23     CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1396900              SERVICE ADDRESS
 CUSTOMER NAME                         370      W. DUNNE AV              #7
 GABOR         +-------------------------------------------------------------+
 ERIKA E.      | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY    |
 OWNER NAME/ADD|   1 DEF IN    1 02/21/95        411            4 N     29   |
 GABOR         |   1 DEF IN    1 01/23/95        407            5 N     34   |
 ERIKA E.      |   1 DEF IN    1 12/20/94        402            6 N     29   |
 370      W. DU|   1 DEF IN    1 11/21/94        396            4 N     28   |
 MORGAN HILL CA|   1 DEF IN    1 10/24/94        392            5       28   |
 95037         |   1 DEF IN    1 09/26/94        387            4       34   |
               |   1 DEF IN    1 08/23/94        383            4       29   | LTY N
 PROPERTY ID   |   1 DEF IN    1 07/25/94        379            4       35   | APE
 SOC SECURITY # |   1 DEF IN    1 06/20/94        375            3       28   |
 CA DRIVERS LIC|   1 DEF IN    1 05/23/94        372            4       28   |
 SERVICE       |   1 DEF IN    1 04/25/94        368            5       34   | L DUE
   1 DEF IN    |   1 DEF IN    1 03/22/94        363            4       28   | 40.70
   7 C  1-5    |   1 DEF IN    1 02/22/94        359            5       29   |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY         57      393   | 0.15
   9 C 11->    |                                                              |
               +-------------------------------------------------------------+
```

```
QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1397100              SERVICE ADDRESS
 CUSTOMER NAME                         370      W. DUNNE AV              #4
 EVERGREEN DENT+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 02/21/95        71          1 N     29 |
 EVERGREEN DENT|   1 DEF IN    1 01/23/95        70          1 N     34 |
               |   1 DEF IN    1 12/20/94        69          0 N     29 |
 370      W. DU|   1 DEF IN    1 11/21/94        69          1 N     28 |
 MORGAN HILL CA|   1 DEF IN    1 10/24/94        68          1       28 |
 95037         |   1 DEF IN    1 09/26/94        67          0       34 |
               |   1 DEF IN    1 08/23/94        67          1       29 | LTY N
 PROPERTY ID   |   1 DEF IN    1 07/25/94        66          0       35 | APE
 SOC SECURITY # |  1 DEF IN    1 06/20/94        66          1       28 |
 CA DRIVERS LIC|   1 DEF IN    1 05/23/94        65          0       28 |
 SERVICE       |   1 DEF IN    1 04/25/94        65          1       34 | L DUE
   1 DEF IN    |   1 DEF IN    1 03/22/94        64          0       28 | 84.81
   7 C  1-5    |   1 DEF IN    1 02/22/94        64          1       29 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      8      393 | 0.02
   9 C 11->    |                                                         |
               +-------------------------------------------------------+

 device     pf     basic     modes  10    18  COMMAND   file     HELP     EXIT
control    keys   config    keys     CN       LINE   transfer
                                     15:24    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1399950              SERVICE ADDRESS
 CUSTOMER NAME                         370      W. DUNNE AV              #6
 HAWKE DDS     +-------------------------------------------------------+
 ROBERT H.     | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 02/21/95       144          1 N     29 |
               |   1 DEF IN    1 01/23/95       143          1 N     34 |
               |   1 DEF IN    1 12/20/94       142          0 N     29 |
               |   1 DEF IN    1 11/21/94       142          1 N     28 |
               |   1 DEF IN    1 10/24/94       141          1       28 |
               |   1 DEF IN    1 09/26/94       140          0       34 |
               |   1 DEF IN    1 08/23/94       140          1       29 | LTY N
 PROPERTY ID   |   1 DEF IN    1 07/25/94       139          1       35 | APE
 SOC SECURITY # |  1 DEF IN    1 06/20/94       138          1       28 |
 CA DRIVERS LIC|   1 DEF IN    1 05/23/94       137          0       28 |
 SERVICE       |   1 DEF IN    1 04/25/94       137          1       34 | L DUE
   1 DEF IN    |   1 DEF IN    1 03/22/94       136          1       28 | 29.15
   7 C  1-5    |   1 DEF IN    1 02/22/94       135          1       29 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY     10      393 | 0.03
   9 C 11->    |                                                         |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1201100              SERVICE ADDRESS
 CUSTOMER NAME                         16130    MEDICAL CTR DR
 PROPERTY MANAG+-------------------------------------------------------+
 GOOD SAM HEALT| SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/07/95       9698          24 N     27 |
 HEALTH DIMENSI|   1 DEF IN     1 01/11/95       9674          29 N     36 |
               |   1 DEF IN     1 12/06/94       9645          19 N     25 |
 16130     MEDIC|   1 DEF IN     1 11/11/94       9626          35       29 |
               |   1 DEF IN     1 10/13/94       9591          42       36 |
               |   1 DEF IN     1 09/07/94       9549          23       27 |
               |   1 DEF IN     1 08/11/94       9526          31       34 | LTY Y
 PROPERTY ID   |   1 DEF IN     1 07/08/94       9495          26       28 |
 SOC SECURITY #|   1 DEF IN     1 06/10/94       9469          28       30 |
 CA DRIVERS LIC|   1 DEF IN     1 05/11/94       9441          35       34 |
 SERVICE       |   1 DEF IN     1 04/07/94       9406          30       28 | L DUE
   1 DEF IN    |   1 DEF IN     1 03/10/94       9376          29       28 |  0.00
   7 C  1-5    |   1 DEF IN     1 02/10/94       9347          32       28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      383      390 | 0.98
   9 C 11->    |                                                           |
               +-------------------------------------------------------+

 device     pf      basic     modes  10    18  COMMAND   file      HELP     EXIT
control     keys    config    keys     CN       LINE    transfer
                                       15:25    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1201200              SERVICE ADDRESS
 CUSTOMER NAME                         16130    MEDICAL CTR-GRNDS
 HEALTH DIMENSI+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/07/95      20476           8 N     27 |
 HEALTH DIMENSI|   1 DEF IN     1 01/11/95      20468           6 N     36 |
               |   1 DEF IN     1 12/06/94      20462          23 N     25 |
 16130     MEDIC|   1 DEF IN     1 11/11/94      20439         142       29 |
               |   1 DEF IN     1 10/13/94      20297         178       36 |
               |   1 DEF IN     1 09/07/94      20119         197       27 |
               |   1 DEF IN     1 08/11/94      19922         267       34 | LTY Y
 PROPERTY ID   |   1 DEF IN     1 07/08/94      19655         175       28 |
 SOC SECURITY #|   1 DEF IN     1 06/10/94      19480         108       30 |
 CA DRIVERS LIC|   1 DEF IN     1 05/11/94      19372          57       34 |
 SERVICE       |   1 DEF IN     1 04/07/94      19315         318       28 | L DUE
   1 DEF IN    |   1 DEF IN     1 03/10/94      18997          90       28 |  0.00
  13 L 1-5     |   1 DEF IN     1 02/10/94      18907          34       28 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY     1603      390 | 4.11
  15 L 11->    |                                                           |
               +-------------------------------------------------------+
```

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 1501300 SERVICE ADDRESS
CUSTOMER NAME 17705 HALE AV #B
DAY - ANHDER

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1	02/28/95	5551		21 N	28	
1 DEF IN	1	01/31/95	5530		26 N	28	
1 DEF IN	1	01/03/95	5504		28 N	36	
1 DEF IN	1	11/28/94	5476		17 N	28	
1 DEF IN	1	10/31/94	5459		13	21	
1 DEF IN	1	10/10/94	5446		29	42	
1 DEF IN	1	08/29/94	5417		21	27	LTY N
1 DEF IN	1	08/02/94	5396		24	35	
1 DEF IN	1	06/28/94	5372		30	27	
1 DEF IN	1	06/01/94	5342		18	29	
1 DEF IN	1	05/03/94	5324		22	35	L DUE
1 DEF IN	1	03/29/94	5302		17	27	03.40
1 DEF IN	1	03/02/94	5285		17	29	
		PRESS ESCAPE TO EXIT DISPLAY			283	392	0.72

OWNER NAME/ADD
DAY - ANHDER
17705 B-HAL
MORGAN HILL CA
95037
PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
7 C 1-5
8 C 6-10
9 C 11->

device control | pf keys | basic config | modes keys | 10 CN 15:26 | 18 COMMAND LINE CAPS | file transfer | HELP | EXIT

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 1534903 SERVICE ADDRESS
CUSTOMER NAME 17705 HALE AV #A
MC DONALD DDS
LAWRENCE J.

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1	02/28/95	2280		4 N	28	
1 DEF IN	1	01/31/95	2276		2 N	28	
1 DEF IN	1	01/03/95	2274		5 Y	36	
1 DEF IN	1	11/28/94	2269		3 N	28	
1 DEF IN	1	10/31/94	2266		2	21	
1 DEF IN	1	10/10/94	2264		6	42	
1 DEF IN	1	08/29/94	2258		4	27	LTY N
1 DEF IN	1	08/02/94	2254		5	35	
1 DEF IN	1	06/28/94	2249		3	27	
1 DEF IN	1	06/01/94	2246		4	29	
1 DEF IN	1	05/03/94	2242		4	35	L DUE
1 DEF IN	1	03/29/94	2238		3	27	22.70
1 DEF IN	1	03/02/94	2235		4	29	
		PRESS ESCAPE TO EXIT DISPLAY			49	392	0.13

OWNER NAME/ADD
MC DONALD DDS
LAWRENCE J.
17705 HALE
MORGAN HILL, C
95037
PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
7 C 1-5
8 C 6-10
9 C 11->

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 0804901 SERVICE ADDRESS
CUSTOMER NAME 90 E. SECOND ST
SQUERI
JOSEPH & ROBER
OWNER NAME/ADD
SQUERI
JOSEPH & ROBER
P.O.BOX
MORGAN HILL CA
95038-1274

PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
3 IN 1-5
4 IN 6-10
5 I 11-30

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY
1 DEF IN	1	02/21/95	835		28 N	29
1 DEF IN	1	01/23/95	807		39 N	35
1 DEF IN	1	12/19/94	768		22 N	28
1 DEF IN	1	11/21/94	746		22 N	28
1 DEF IN	1	10/24/94	724		21	28
1 DEF IN	1	09/26/94	703		31	34
1 DEF IN	1	08/23/94	672		66	28
1 DEF IN	1	07/26/94	606		60	35
1 DEF IN	1	06/21/94	546		23	29
1 DEF IN	1	05/23/94	523		42 N	27
1 DEF IN	1	04/26/94	481		31	36
1 DEF IN	1	03/21/94	450		29	27
1 DEF IN	1	02/22/94	421		39	28
		PRESS ESCAPE TO EXIT DISPLAY		453		392

LTY IN
L DUE
39.70
C
1.16

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 2501600 SERVICE ADDRESS
CUSTOMER NAME 220 TENNANT STATION
LAUNDERLAND CO

OWNER NAME/ADD
LAUNDERLAND CO

220 TENNA

PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
7 C 1-5
8 C 6-10
9 C 11->

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY
1 DEF IN	1	02/07/95	38278	218	N	27
1 DEF IN	1	01/11/95	38060	294	N	36
1 DEF IN	1	12/06/94	37766	210	N	25
1 DEF IN	1	11/11/94	37556	246		29
1 DEF IN	1	10/13/94	37310	301		36
1 DEF IN	1	09/07/94	37009	221		27
1 DEF IN	1	08/11/94	36788	281		34
1 DEF IN	1	07/08/94	36507	229		28
1 DEF IN	1	06/10/94	36278	240		30
1 DEF IN	1	05/11/94	36038	278		34
1 DEF IN	1	04/07/94	35760	216		28
1 DEF IN	1	03/10/94	35544	226		28
1 DEF IN	1	02/10/94	35318	225		28
				3185		390

PRESS ESCAPE TO EXIT DISPLAY

LTY N
APE

L DUE
0.00

8.17

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 1703500
CUSTOMER NAME
LIVE OAK HIGH

OWNER NAME/ADD
LIVE OAK HIGH

1505 E. MA

PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
7 C 1-5
8 C 6-10
9 C 11->

SERVICE ADDRESS
1505 E. MAIN AV

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1	02/07/95	21075		262 N	27	
1 DEF IN	1	01/11/95	20813		260 N	35	
1 DEF IN	1	12/07/94	20553		265 N	28	
1 DEF IN	1	11/09/94	20288		426	26	
1 DEF IN	1	10/14/94	19862		699	36	
1 DEF IN	1	09/08/94	19163		419	29	
1 DEF IN	1	08/10/94	18744		320	34	LTY 1
1 DEF IN	1	07/07/94	18424		370	28	
1 DEF IN	1	06/09/94	18054		597	28	
1 DEF IN	1	05/12/94	17457		408	36	
1 DEF IN	1	04/06/94	17049		304	28	L DUE
1 DEF IN	1	03/09/94	16745		250	28	0.00
1 DEF IN	1	02/09/94	16495		287	28	

PRESS ESCAPE TO EXIT DISPLAY 4867 391 12.4

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 0716201 SERVICE ADDRESS
CUSTOMER NAME 16955 MONTEREY ST
LUCKY STORE #3

OWNER NAME/ADD
LUCKY STORE #2

P.O.BOX
SAN LEANDRO, C
94577

PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
7 C 1-5
8 C 6-10
9 C 11->

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1	02/21/95	2227		57 N	29	
1 DEF IN	1	01/23/95	2170		64 N	35	
1 DEF IN	1	12/19/94	2106		51 N	28	
1 DEF IN	1	11/21/94	2055		56 N	28	
1 DEF IN	1	10/24/94	1999		80	28	
1 DEF IN	1	09/26/94	1919		96	34	
1 DEF IN	1	08/23/94	1823		74	28	LTY N
1 DEF IN	1	07/26/94	1749		87	36	APE
1 DEF IN	1	06/20/94	1662		70	28	
1 DEF IN	1	05/23/94	1592		66	28	
1 DEF IN	1	04/25/94	1526		77	35	L DUE
1 DEF IN	1	03/21/94	1449		64	27	90.90
1 DEF IN	1	02/22/94	1385		57	29	

PRESS ESCAPE TO EXIT DISPLAY 899 393 2.29

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 0723100 SERVICE ADDRESS
CUSTOMER NAME 201 VINEYARD TOWN CTR WY
JAMES C. HENLE

OWNER NAME/ADD
MCDONALD'S

201 VINEY
MORGAN HILL CA
95037

PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
7 C 1-5
8 C 6-10
9 C 11->

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1	02/21/95	9117	52	N	29	
1 DEF IN	1	01/23/95	9065	88	N	35	
1 DEF IN	1	12/19/94	8977	41	N	28	
1 DEF IN	1	11/21/94	8936	50	N	28	
1 DEF IN	1	10/24/94	8886	66		28	
1 DEF IN	1	09/26/94	8820	98		34	
1 DEF IN	1	08/23/94	8722	86		28	LTY
1 DEF IN	1	07/26/94	8636	111		36	
1 DEF IN	1	06/20/94	8525	80		28	
1 DEF IN	1	05/23/94	8445	81		28	
1 DEF IN	1	04/25/94	8364	105		35	L DUE
1 DEF IN	1	03/21/94	8259	76		27	55.47
1 DEF IN	1	02/22/94	8183	75		28	

PRESS ESCAPE TO EXIT DISPLAY 1009 392 2.57

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 3103300 SERVICE ADDRESS
CUSTOMER NAME 135 COCHRANE PLAZA
MCDONALDS

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1	02/07/95	7339		103 N	27	
1 DEF IN	1	01/11/95	7236		151 N	35	
1 DEF IN	1	12/07/94	7085		116 N	27	
1 DEF IN	1	11/10/94	6969		115	27	
1 DEF IN	1	10/14/94	6854		193	36	
1 DEF IN	1	09/08/94	6661		202	29	
1 DEF IN	1	08/10/94	6459		238	34	LTY N
1 DEF IN	1	07/07/94	6221		171	28	
1 DEF IN	1	06/09/94	6050		164	28	
1 DEF IN	1	05/12/94	5886		198	36	
1 DEF IN	1	04/06/94	5688		156	28	L DUE
1 DEF IN	1	03/09/94	5532		141	28	0.00
1 DEF IN	1	02/09/94	5391		132	28	
				2080		391	5.32

OWNER NAME/ADD
MCDONALDS

135 COCHR

PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
7 C 1-5
8 C 6-10
9 C 11->

PRESS ESCAPE TO EXIT DISPLAY

```
QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  3103101              SERVICE ADDRESS
 CUSTOMER NAME                         18599    SUTTER BLVD-LANDSCAPE
 MARIE CALLENDE+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 02/07/95       6402          1 N     27 |
 MARIE CALLENDE|   1 DEF IN    1 01/11/95       6401         49 N     35 |
               |   1 DEF IN    1 12/07/94       6352         88 N     27 |
 18599    SUTTE|   1 DEF IN    1 11/10/94       6264        151       27 |
               |   1 DEF IN    1 10/14/94       6113        264       36 |
               |   1 DEF IN    1 09/08/94       5849        182       29 |
               |   1 DEF IN    1 08/10/94       5667        241       34 | LTY N
 PROPERTY ID   |   1 DEF IN    1 07/07/94       5426        173       28 |
 SOC SECURITY # |  1 DEF IN    1 06/09/94       5253         85       28 |
 CA DRIVERS LIC |  1 DEF IN    1 05/12/94       5168        210       36 |
 SERVICE       |   1 DEF IN    1 04/06/94       4958        160       28 | L DUE
   1 DEF IN    |   1 DEF IN    1 03/09/94       4798          7       28 | 0.0
  13 L 1-5     |   1 DEF IN    1 02/09/94       4791         22       28 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY 1633      391    | 4.18
  15 L 11->    |                                                       |
               +-------------------------------------------------------+

 device      pf      basic      modes  10     18  COMMAND   file      HELP      EXIT
control      keys    config     keys     CN        LINE    transfer
                                         15:30     CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  5107801              SERVICE ADDRESS
 CUSTOMER NAME                         18599    SUTTER BLVD
 MARIE CALLENDE+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 02/07/95       9116        132 N     27 |
 MARIE CALLENDE|   1 DEF IN    1 01/11/95       8984        172 N     35 |
               |   1 DEF IN    1 12/07/94       8812        139 N     27 |
 18599    SUTTE|   1 DEF IN    1 11/10/94       8673        135       27 |
               |   1 DEF IN    1 10/14/94       8538        181       36 |
               |   1 DEF IN    1 09/08/94       8357        163       29 |
               |   1 DEF IN    1 08/10/94       8194        214       34 | LTY N
 PROPERTY ID   |   1 DEF IN    1 07/07/94       7980        167       28 |
 SOC SECURITY # |  1 DEF IN    1 06/09/94       7813        163       28 |
 CA DRIVERS LIC |  1 DEF IN    1 05/12/94       7650        199       36 |
 SERVICE       |   1 DEF IN    1 04/06/94       7451        155       28 | L DUE
   1 DEF IN    |   1 DEF IN    1 03/09/94       7296        161       28 | 0.00
   7 C  1-5    |   1 DEF IN    1 02/09/94       7135        144       28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY 2125      391    | 5.43
   9 C 11->    |                                                       |
               +-------------------------------------------------------+
```

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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0723500              SERVICE ADDRESS
 CUSTOMER NAME                         16225    MONTEREY ST            LAND
 MH CAR WASH    +-------------------------------------------------------+
                | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD |   1 DEF IN     1 02/21/95       5228          0 N     29 |
 MH CAR WASH    |   1 DEF IN     1 01/23/95       5228          0 N     35 |
                |   1 DEF IN     1 12/19/94       5228          1 N     28 |
 16225    MONTE |   1 DEF IN     1 11/21/94       5227         24 N     28 |
 MORGAN HILL CA |   1 DEF IN     1 10/24/94       5203          5       28 |
 95037          |   1 DEF IN     1 09/26/94       5198        112       34 |
                |   1 DEF IN     1 08/23/94       5086         73       28 | LTY N
 PROPERTY ID    |   1 DEF IN     1 07/26/94       5013         78       36 |
 SOC SECURITY # |   1 DEF IN     1 06/20/94       4935         66       28 |
 CA DRIVERS LIC |   1 DEF IN     1 05/23/94       4869         62       28 |
 SERVICE        |   1 DEF IN     1 04/25/94       4807         76       35 | L DUE
   1 DEF IN     |   1 DEF IN     1 03/21/94       4731          0       27 | 13.10
  13 L 1-5      |   1 DEF IN     1 02/22/94       4731          0       28 |
  14 L 6-10     |             PRESS ESCAPE TO EXIT DISPLAY      497      392 | 1.27
  15 L 11->     |                                                           |
                +-------------------------------------------------------+

 device      pf      basic      modes  10     18  COMMAND   file      HELP      EXIT
control     keys     config     keys      CN        LINE    transfer
                                          15:35     CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0724000              SERVICE ADDRESS
 CUSTOMER NAME                         16225    MONTEREY ST                BLDG
 MH CAR WASH    +-------------------------------------------------------+
                | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD |   1 DEF IN     1 02/21/95      36133        281 N     29 |
 MH CAR WASH    |   1 DEF IN     1 01/23/95      35852        133 N     35 |
                |   1 DEF IN     1 12/19/94      35719        147 N     28 |
 16225    MONTE |   1 DEF IN     1 11/21/94      35572        130 N     28 |
 MORGAN HILL CA |   1 DEF IN     1 10/24/94      35442        179       28 |
 95037          |   1 DEF IN     1 09/26/94      35263        241       34 |
                |   1 DEF IN     1 08/23/94      35022        205       28 | LTY N
 PROPERTY ID    |   1 DEF IN     1 07/26/94      34817        259       36 |
 SOC SECURITY # |   1 DEF IN     1 06/20/94      34558        255       28 |
 CA DRIVERS LIC |   1 DEF IN     1 05/23/94      34303        142       28 |
 SERVICE        |   1 DEF IN     1 04/25/94      34161        197       35 | L DUE
   1 DEF IN     |   1 DEF IN     1 03/21/94      33964        319       27 | 44.20
   7 C  1-5     |   1 DEF IN     1 02/22/94      33645        247       28 |
   8 C 6-10     |             PRESS ESCAPE TO EXIT DISPLAY     2735      392 | 6.98
   9 C 11->     |                                                           |
                +-------------------------------------------------------+
```

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 0724500 SERVICE ADDRESS
CUSTOMER NAME VINEYARD TOWN CENTER
KENT FAMILY TR

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY
1 DEF IN	1	02/21/95	1028	8	N	29
1 DEF IN	1	01/23/95	1020	8	N	35
1 DEF IN	1	12/19/94	1012	6	N	28
1 DEF IN	1	11/21/94	1006	7	N	28
1 DEF IN	1	10/24/94	999	6		28
1 DEF IN	1	09/26/94	993	8		34
1 DEF IN	1	08/23/94	985	7		28
1 DEF IN	1	07/26/94	978	10		36
1 DEF IN	1	06/20/94	968	6		28
1 DEF IN	1	05/23/94	962	7		28
1 DEF IN	1	04/25/94	955	11		35
1 DEF IN	1	03/21/94	944	7		27
1 DEF IN	1	02/22/94	937	6		28

PRESS ESCAPE TO EXIT DISPLAY 97 392

OWNER NAME/ADD
KENT FAMILY TR

O'HENRY'
MORGAN HILL CA
95037
15335 CALLE EN
PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
7 C 1-5
8 C 6-10
9 C 11->

LTY
APE

L DUE
83.3

0.25

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 0715906 SERVICE ADDRESS
CUSTOMER NAME 16915 MONTEREY ST
PINK ELEPHANT

	SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
OWNER NAME/ADD	1 DEF IN	1	02/21/95	45		4 N	29	
PINK ELEPHANT	1 DEF IN	1	01/23/95	41		8 N	35	
	1 DEF IN	1	12/19/94	33		6 N	28	
16915 MONTE	1 DEF IN	1	11/21/94	27		5 N	28	
	1 DEF IN	1	10/24/94	22		5	28	
	1 DEF IN	1	09/26/94	17		6	35	
	1 DEF IN	1	08/22/94	11		5	27	LTY N
PROPERTY ID	1 DEF IN	1	07/26/94	6		71	36	
SOC SECURITY #	1 DEF IN	1	06/20/94	2578		64	28	
CA DRIVERS LIC	1 DEF IN	1	05/23/94	2514		77	28	
SERVICE	1 DEF IN	1	04/25/94	2437		71	35	L DUE
1 DEF IN	1 DEF IN	1	03/21/94	2366		51	27	46.50
7 C 1-5	1 DEF IN	1	02/22/94	2315		51	29	
8 C 6-10			PRESS ESCAPE TO EXIT DISPLAY		424		393	1.08
9 C 11->								

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 0170201 SERVICE ADDRESS
CUSTOMER NAME 840 E. DUNNE AV
SAFEWAY STORE

	SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
OWNER NAME/ADD	1 DEF IN	1	02/06/95	4647	363	N	28	
SAFEWAY STORE	1 DEF IN	1	01/09/95	4284	478	N	35	
	1 DEF IN	1	12/05/94	3806	355	N	27	
840 E. DU	1 DEF IN	1	11/08/94	3451	377		27	
	1 DEF IN	1	10/12/94	3074	517		36	
	1 DEF IN	1	09/06/94	2557	398		29	
	1 DEF IN	1	08/08/94	2159	474		33	LTY N
PROPERTY ID	1 DEF IN	1	07/06/94	1685	376		29	
SOC SECURITY #	1 DEF IN	1	06/07/94	1309	354		28	571
CA DRIVERS LIC	1 DEF IN	1	05/10/94	955	75		6	
SERVICE	1 DEF IN	1	05/04/94	880	0	N	0	L DUE
1 DEF IN	1 DEF IN	1	05/04/94	880	0	N	0	60.24
7 C 1-5								
8 C 6-10	PRESS ESCAPE TO EXIT DISPLAY				3767		278	13.55
9 C 11->								

```
QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2503301              SERVICE ADDRESS
 CUSTOMER NAME                         15900    MONTEREY ST
 SIZZLER STEAK +-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/07/95      14718          70 N     27 |
 SIZZLER STEAK |   1 DEF IN     1 01/11/95      14648          89 N     36 |
               |   1 DEF IN     1 12/06/94      14559          65       25 |
 15900     MONTE   1 DEF IN     1 11/11/94      14494           0 N      0 |
               |   1 DEF IN     1 11/11/94      14494           0 N      0 |  2.55
                                                          224     88       LTY N
 PROPERTY ID
 SOC SECURITY #
 CA DRIVERS LIC
 SERVICE                                                                  L DUE
   1 DEF IN                                                               02.00
   7 C  1-5
   8 C 6-10              PRESS ESCAPE TO EXIT DISPLAY
   9 C 11->
               +-------------------------------------------------------+

 device      pf      basic      modes  10     18  COMMAND    file      HELP      EXIT
control     keys     config     keys      CN        LINE    transfer
                                          15:37     CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2503300              SERVICE ADDRESS
 CUSTOMER NAME                         15900    MONTEREY ST
 SIZZLER STEAK +-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 11/11/94      14494          0 N      0 |
 SIZZLER STEAK |   1 DEF IN     1 11/11/94      14494          84       29 |
               |   1 DEF IN     1 10/13/94      14410          97       36 |
 15900     MONTE   1 DEF IN     1 09/07/94      14313          83       27 |
               |   1 DEF IN     1 08/11/94      14230         108       34 |
               |   1 DEF IN     1 07/08/94      14122          85       28 |
               |   1 DEF IN     1 06/10/94      14037          99       30 | LTY N
 PROPERTY ID   |   1 DEF IN     1 05/11/94      13938         113       34 |
 SOC SECURITY # |  1 DEF IN     1 04/07/94      13825          94       28 |
 CA DRIVERS LIC |  1 DEF IN     1 03/10/94      13731          92       28 |
 SERVICE       |   1 DEF IN     1 02/10/94      13639          90       28 | L DUE
   1 DEF IN    |   1 DEF IN     1 01/13/94      13549          97       35 |  0.00
   7 C  1-5    |   1 DEF IN     1 12/09/93      13452          78       28 |
   8 C 6-10              PRESS ESCAPE TO EXIT DISPLAY      1120     365      3.07
   9 C 11->
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY METER RECORDS

 CUSTOMER NUMBER  5402700              SERVICE ADDRESS
 CUSTOMER NAME                         18500    ST LOUISE DR              HOSPITAL
 ST. LOUISE HOS+-------------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY    |
 OWNER NAME/ADD|   1 DEF IN     1 02/07/95      17063          0 N      27   |
 ST. LOUISE HOS|   1 DEF IN     1 01/11/95      17063        270 N      35   |
               |   1 DEF IN     1 12/07/94      16793        196 N      27   |
 18500     ST LO|   1 DEF IN     1 11/10/94      16597        200        27   |
               |   1 DEF IN     1 10/14/94      16397        333        36   |
               |   1 DEF IN     1 09/08/94      16064        238        29   |
               |   1 DEF IN     1 08/10/94      15826        223        34   | LTY N
 PROPERTY ID   |   1 DEF IN     1 07/07/94      15603        200        28   | APE
 SOC SECURITY #|   1 DEF IN     1 06/09/94      15403        185        28   |
 CA DRIVERS LIC|   1 DEF IN     1 05/12/94      15218        263        36   |
 SERVICE       |   1 DEF IN     1 04/06/94      14955        225        28   | L DUE
   1 DEF IN    |   1 DEF IN     1 03/09/94      14730        188        27   | 07.74
   7 C  1-5    |   1 DEF IN     1 02/10/94      14542        168        29   |
   8 C 6-10    |              PRESS ESCAPE TO EXIT DISPLAY                    |  6.88
   9 C 11->    |                                                              |
               +-------------------------------------------------------------+

 device      pf       basic      modes  10     18  COMMAND    file      HELP      EXIT
control      keys     config     keys      CN        LINE     transfer
                                          15:42     CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  5402800              SERVICE ADDRESS
 CUSTOMER NAME                         18550    ST LOUISE DR-DR. OFFICE
 ST. LOUISE HOS+-------------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY    |
 OWNER NAME/ADD|   1 DEF IN     1 02/07/95       1962           38 N      27   |
 ST. LOUISE HOS|   1 DEF IN     1 01/11/95       1924           42 N      35   |
               |   1 DEF IN     1 12/07/94       1882           45        27   |
 18550     ST LO|   1 DEF IN     1 11/10/94       1837           27        27   |
               |   1 DEF IN     1 10/14/94       1810           36        36   |
               |   1 DEF IN     1 09/08/94       1774           24        29   |
               |   1 DEF IN     1 08/10/94       1750           31        34   | LTY N
 PROPERTY ID   |   1 DEF IN     1 07/07/94       1719           26        28   | APE
 SOC SECURITY #|   1 DEF IN     1 06/09/94       1693           26        28   |
 CA DRIVERS LIC|   1 DEF IN     1 05/12/94       1667           36        36   |
 SERVICE       |   1 DEF IN     1 04/06/94       1631           29        28   | L DUE
   1 DEF IN    |   1 DEF IN     1 03/09/94       1602           26        28   | 05.02
   7 C  1-5    |   1 DEF IN     1 02/09/94       1576           28        28   |
   8 C 6-10    |              PRESS ESCAPE TO EXIT DISPLAY                    |  1.06
   9 C 11->    |                                                              |
               +-------------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  5402900              SERVICE ADDRESS
 CUSTOMER NAME                         18500    ST LOUISE DR-LANDSCAPE 3
 ST. LOUISE HOS+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/11/93      20474          0        28 |
 ST. LOUISE HOS|   1 DEF IN     1 02/11/93      20474          0        28 |
               |   1 DEF IN     1 01/14/93      20474          0        36 |
 18500     ST LO|   1 DEF IN     1 12/09/92      20474          2        27 |
               |   1 DEF IN     1 11/12/92      20472        612        36 |
               |   1 DEF IN     1 10/07/92      19860        632 N      28 |
               |   1 DEF IN     1 09/09/92      19228          0         0 | LTY N
 PROPERTY ID   |                                              1246      183 | 6.81
 SOC SECURITY #|                                                           |
 CA DRIVERS LIC|                                                           |
 SERVICE       |                                                           | L DUE
   1 DEF IN    |                                                           | 0.00
  13 L 1-5     |                                                           |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                   |
  15 L 11->    |                                                           |
               +-------------------------------------------------------+

 device      pf      basic      modes  10     18  COMMAND   file      HELP      EXIT
control      keys    config     keys     CN        LINE    transfer
                                         15:48     CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  5403000              SERVICE ADDRESS
 CUSTOMER NAME                         18500    ST LOUISE DR-LANDSCAPE 2
 ST. LOUISE HOS+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/11/93       4130          0        28 |
 ST. LOUISE HOS|   1 DEF IN     1 02/11/93       4130          0        28 |
               |   1 DEF IN     1 01/14/93       4130          0        36 |
 18500     ST LO|   1 DEF IN     1 12/09/92       4130          1        27 |
               |   1 DEF IN     1 11/12/92       4129        292        36 |
               |   1 DEF IN     1 10/07/92       3837        180 N      28 |
               |   1 DEF IN     1 09/09/92       3657          0         0 | LTY N
 PROPERTY ID   |                                               473      183 | 2.58
 SOC SECURITY #|                                                           |
 CA DRIVERS LIC|                                                           |
 SERVICE       |                                                           | L DUE
   1 DEF IN    |                                                           | 0.00
  13 L 1-5     |                                                           |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                   |
  15 L 11->    |                                                           |
               +-------------------------------------------------------+
```

```
QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  5403100              SERVICE ADDRESS
 CUSTOMER NAME                         18500    ST LOUISE DR-LANDSCAPE 1
 ST. LOUISE HOS+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 03/11/93      20344          0        28 |
 ST. LOUISE HOS|   1 DEF IN    1 02/11/93      20344          0        28 |
               |   1 DEF IN    1 01/14/93      20344          0        36 |
 18500    ST LO|   1 DEF IN    1 12/09/92      20344          5        27 |
               |   1 DEF IN    1 11/12/92      20339        792        36 |
               |   1 DEF IN    1 10/07/92      19547        792 N      28 |
               |   1 DEF IN    1 09/09/92      18755          0        0  | LTY N
 PROPERTY ID                                                 1589     183 | 8.68
 SOC SECURITY #                                                           |
 CA DRIVERS LIC                                                           |
 SERVICE                                                                  | L DUE
   1 DEF IN                                                               | 0.00
  13 L 1-5                                                                |
  14 L 6-10              PRESS ESCAPE TO EXIT DISPLAY                     |
  15 L 11->                                                               |
               +-------------------------------------------------------+

 device     pf      basic     modes  10    18  COMMAND   file      HELP     EXIT
control     keys    config    keys     CN       LINE    transfer
                                       15:48    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  5403900              SERVICE ADDRESS
 CUSTOMER NAME                         18560    ST. LOUISE DR
 ST. LOUISE HOS+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 02/07/95        310          1 N      27 |
 ST. LOUISE HOS|   1 DEF IN    1 01/11/95        309          1 N      35 |
               |   1 DEF IN    1 12/07/94        308          4 N      27 |
 18560    ST. L|   1 DEF IN    1 11/10/94        304          7        27 |
               |   1 DEF IN    1 10/14/94        297         11        36 |
               |   1 DEF IN    1 09/08/94        286         16        29 |
               |   1 DEF IN    1 08/10/94        270         11        34 | LTY N
 PROPERTY ID   |   1 DEF IN    1 07/07/94        259         11        28 | APE
 SOC SECURITY #|   1 DEF IN    1 06/09/94        248          9        28 |
 CA DRIVERS LIC|   1 DEF IN    1 05/12/94        239         10        36 |
 SERVICE       |   1 DEF IN    1 04/06/94        229          9        28 | L DUE
   1 DEF IN    |   1 DEF IN    1 03/09/94        220          9        28 | 8.75
   7 C  1-5    |   1 DEF IN    1 02/09/94        211          9        28 |
   8 C 6-10               PRESS ESCAPE TO EXIT DISPLAY          108     391 | 0.28
   9 C 11->                                                               |
               +-------------------------------------------------------+
```

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 0716005 SERVICE ADDRESS
CUSTOMER NAME 16905 MONTEREY ST
TEDDY BEAR FLU

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY
1 DEF IN	1	02/21/95	1618		207 N	29
1 DEF IN	1	01/23/95	1411		240 N	35
1 DEF IN	1	12/19/94	1171		181 N	28
1 DEF IN	1	11/21/94	990		203 N	28
1 DEF IN	1	10/24/94	787		199	28
1 DEF IN	1	09/26/94	588		235	35
1 DEF IN	1	08/22/94	353		170	27
1 DEF IN	1	07/26/94	183		223	36
1 DEF IN	1	06/20/94	16144		184	28
1 DEF IN	1	05/23/94	15960		187	28
1 DEF IN	1	04/25/94	15773		230	35
1 DEF IN	1	03/21/94	15543		170	27
1 DEF IN	1	02/22/94	15373		184	29

PRESS ESCAPE TO EXIT DISPLAY 2613 393

OWNER NAME/ADD
TEDDY BEAR FLU

#7
SAN JOSE, CA
95112
384 E. WILLIAM
PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
7 C 1-5
8 C 6-10
9 C 11->

LTY N
APE

L DUE
21.88
6.65

```
QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2500501              SERVICE ADDRESS
 CUSTOMER NAME                         225      TENNANT AVE
 HOUSE OF FABRI+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING     USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1                        0          0     0 |
 HOUSE OF FABRI|   1 DEF IN     1 02/07/95          3483          2 N   27 |
               |   1 DEF IN     1 01/11/95          3481          2 N   36 |
 225       TENNA|   1 DEF IN     1 12/06/94          3479          1 N   25 |
               |   1 DEF IN     1 11/11/94          3478          2     29 |
               |   1 DEF IN     1 10/13/94          3476          2     36 |
               |   1 DEF IN     1 09/07/94          3474          2     27 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/11/94          3472          1     34 |
 SOC SECURITY # |  1 DEF IN     1 07/08/94          3471          2     28 |
 CA DRIVERS LIC|   1 DEF IN     1 06/10/94          3469          2     30 |
 SERVICE       |   1 DEF IN     1 05/11/94          3467          2     34 | L DUE
   1 DEF IN    |   1 DEF IN     1 04/07/94          3465          1     28 | 0.0(
   7 C  1-5    |   1 DEF IN     1 03/10/94          3464          2     28 |
   8 C 6-10    |              PRESS ESCAPE TO EXIT DISPLAY          21    362 | 0.06
   9 C 11->    |                                                           |
               +-------------------------------------------------------+

 device      pf      basic      modes  139   18  COMMAND   file      HELP      EXIT
control     keys     config     keys     CN        LINE    transfer
                                         12:31     CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2500603              SERVICE ADDRESS
 CUSTOMER NAME                         235      TENNANT STATION
 SO VALLEY CIVI+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING     USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/06/95          1446          7 N   27 |
 SO VALLEY CIVI|   1 DEF IN     1 02/07/95          1439          3 N   27 |
               |   1 DEF IN     1 01/11/95          1436          3 N   36 |
 235       TENNA|   1 DEF IN     1 12/06/94          1433          3 N   25 |
               |   1 DEF IN     1 11/11/94          1430          4     29 |
               |   1 DEF IN     1 10/13/94          1426          5     36 |
               |   1 DEF IN     1 09/07/94          1421          3     27 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/11/94          1418          8     34 |
 SOC SECURITY # |  1 DEF IN     1 07/08/94          1410          4     28 |
 CA DRIVERS LIC|   1 DEF IN     1 06/10/94          1406          4     30 |
 SERVICE       |   1 DEF IN     1 05/11/94          1402          4     34 | L DUE
   1 DEF IN    |   1 DEF IN     1 04/07/94          1398          3     28 | 41.45
   3 IN  1-5   |   1 DEF IN     1 03/10/94          1395          4     28 |
   4 IN 6-10   |              PRESS ESCAPE TO EXIT DISPLAY          55    389 | 0.14
   5 I 11-30   |                                                           |
               +-------------------------------------------------------+
```

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 2500702 SERVICE ADDRESS
CUSTOMER NAME TENNANT STA BLD B-1
METROPOLITAN L

	SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
OWNER NAME/ADD	1 DEF IN	1	03/06/95	917		19 N	27	
METROPOLITAN L	1 DEF IN	1	02/07/95	898		20 N	27	
	1 DEF IN	1	01/11/95	878		24 N	36	
TENNA	1 DEF IN	1	12/06/94	854		16 N	25	
MORGAN HILL CA	1 DEF IN	1	11/11/94	838		20	29	
95037	1 DEF IN	1	10/13/94	818		25	36	
	1 DEF IN	1	09/07/94	793		14	27	LTY N
PROPERTY ID	1 DEF IN	1	08/11/94	779		19	34	
SOC SECURITY #	1 DEF IN	1	07/08/94	760		14	28	
CA DRIVERS LIC	1 DEF IN	1	06/10/94	746		14	30	
SERVICE	1 DEF IN	1	05/11/94	732		17	34	L DUE
1 DEF IN	1 DEF IN	1	04/07/94	715		14	28	00.30
7 C 1-5	1 DEF IN	1	03/10/94	701		12	28	
8 C 6-10	PRESS ESCAPE TO EXIT DISPLAY				228	389		0.59
9 C 11->								

device control | pf keys | basic config | modes keys | 139 CN 12:31 | 18 | COMMAND LINE CAPS | file transfer | HELP | EXIT

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 2500802 SERVICE ADDRESS
CUSTOMER NAME TENNANT STA BLD B-2
METROPLITAN LI

	SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
OWNER NAME/ADD	1 DEF IN	1	03/06/95	1		62 N	27	
METROPLITAN LI	1 DEF IN	1	02/07/95	9939		48 N	27	
	1 DEF IN	1	01/11/95	9891		60 N	36	
TENNA	1 DEF IN	1	12/06/94	9831		41 N	25	
	1 DEF IN	1	11/11/94	9790		57	29	
	1 DEF IN	1	10/13/94	9733		74	36	
	1 DEF IN	1	09/07/94	9659		51	27	LTY N
PROPERTY ID	1 DEF IN	1	08/11/94	9608		67	34	
SOC SECURITY #	1 DEF IN	1	07/08/94	9541		71	28	
CA DRIVERS LIC	1 DEF IN	1	06/10/94	9470		69	30	
SERVICE	1 DEF IN	1	05/11/94	9401		68	34	L DUE
1 DEF IN	1 DEF IN	1	04/07/94	9333		53	28	68.30
7 C 1-5	1 DEF IN	1	03/10/94	9280		51	28	
8 C 6-10	PRESS ESCAPE TO EXIT DISPLAY				772	389		1.98
9 C 11->								

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 2500902 SERVICE ADDRESS
CUSTOMER NAME TENNANT STA BLD C-D
METROPOLTIAN L

	SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
OWNER NAME/ADD	1 DEF IN	1	03/06/95	1886		30 N	27	
METROPOLTIAN L	1 DEF IN	1	02/07/95	1856		30 N	27	
	1 DEF IN	1	01/11/95	1826		37 N	36	
TENNA	1 DEF IN	1	12/06/94	1789		27 N	25	
	1 DEF IN	1	11/11/94	1762		30	29	
	1 DEF IN	1	10/13/94	1732		37	36	
	1 DEF IN	1	09/07/94	1695		27	27	LTY N
PROPERTY ID	1 DEF IN	1	08/11/94	1668		30	34	
SOC SECURITY #	1 DEF IN	1	07/08/94	1638		25	28	
CA DRIVERS LIC	1 DEF IN	1	06/10/94	1613		26	30	
SERVICE	1 DEF IN	1	05/11/94	1587		36	34	L DUE
1 DEF IN	1 DEF IN	1	04/07/94	1551		37	28	76.5(
7 C 1-5	1 DEF IN	1	03/10/94	1514		36	28	
8 C 6-10	PRESS ESCAPE TO EXIT DISPLAY					408	389	1.05
9 C 11->								

device control | pf keys | basic config | modes keys | 141 CN 12:33 | 18 | COMMAND LINE CAPS | file transfer | HELP | EXIT

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 2501002 SERVICE ADDRESS
CUSTOMER NAME TENNANT STA BLD E
METROPOLITAN L

	SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
OWNER NAME/ADD	1 DEF IN	1	03/06/95	1928		4 N	27	
METROPOLITAN L	1 DEF IN	1	02/07/95	1924		4 N	27	
	1 DEF IN	1	01/11/95	1920		3 N	36	
TENNA	1 DEF IN	1	12/06/94	1917		3 N	25	
	1 DEF IN	1	11/11/94	1914		13	29	
	1 DEF IN	1	10/13/94	1901		4	36	
	1 DEF IN	1	09/07/94	1897		3	27	LTY N
PROPERTY ID	1 DEF IN	1	08/11/94	1894		3	34	
SOC SECURITY #	1 DEF IN	1	07/08/94	1891		3	28	
CA DRIVERS LIC	1 DEF IN	1	06/10/94	1888		4	30	
SERVICE	1 DEF IN	1	05/11/94	1884		10	34	L DUE
1 DEF IN	1 DEF IN	1	04/07/94	1874		5	28	28.50
7 C 1-5	1 DEF IN	1	03/10/94	1869		12	28	
8 C 6-10	PRESS ESCAPE TO EXIT DISPLAY					71	389	0.18
9 C 11->								

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 2501100 SERVICE ADDRESS
CUSTOMER NAME 212 TENNANT STATION
SAFEWAY STORES

	SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
OWNER NAME/ADD	1 DEF IN	1	11/15/94	14511		0 N	4	
SAFEWAY STORES	1 DEF IN	1	11/11/94	14511		0	29	
	1 DEF IN	1	10/13/94	14511		1	36	
212 TENNA	1 DEF IN	1	09/07/94	14510		0	27	
	1 DEF IN	1	08/11/94	14510		0	34	
	1 DEF IN	1	07/08/94	14541		31	28	
	1 DEF IN	1	06/10/94	14510		1	30	LTY N
PROPERTY ID	1 DEF IN	1	05/11/94	14509		3	34	
SOC SECURITY #	1 DEF IN	1	04/07/94	14506		67	28	
CA DRIVERS LIC	1 DEF IN	1	03/10/94	14439		233	28	
SERVICE	1 DEF IN	1	02/10/94	14206		195	28	L DUE
1 DEF IN	1 DEF IN	1	01/13/94	14011		254	35	0.00
7 C 1-5	1 DEF IN	1	12/09/93	13757		176	28	
8 C 6-10	PRESS ESCAPE TO EXIT DISPLAY					961	369	2.60
9 C 11->								

device control | pf keys | basic config | modes keys | 141 CN 12:34 | 18 COMMAND LINE CAPS | file transfer | HELP | EXIT

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 2501201 SERVICE ADDRESS
CUSTOMER NAME 301 TENNANT AV
LONGS'S DRUG S

	SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
OWNER NAME/ADD	1 DEF IN	1	03/06/95	3720		1 N	27	
LONGS'S DRUG S	1 DEF IN	1	02/07/95	3719		0 N	27	
	1 DEF IN	1	01/11/95	3719		1 N	36	
301 TENNA	1 DEF IN	1	12/06/94	3718		1 N	25	
	1 DEF IN	1	11/11/94	3717		0	29	
	1 DEF IN	1	10/13/94	3717		1	36	
	1 DEF IN	1	09/07/94	3716		1	27	LTY N
PROPERTY ID	1 DEF IN	1	08/11/94	3715		6	34	
SOC SECURITY #	1 DEF IN	1	07/08/94	3709		14	28	
CA DRIVERS LIC	1 DEF IN	1	06/10/94	3695		17	30	
SERVICE	1 DEF IN	1	05/11/94	3678		20	34	L DUE
1 DEF IN	1 DEF IN	1	04/07/94	3658		15	28	0.00
7 C 1-5	1 DEF IN	1	03/10/94	3643		19	28	
8 C 6-10	PRESS ESCAPE TO EXIT DISPLAY					96	389	0.25
9 C 11->								

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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2501300              SERVICE ADDRESS
 CUSTOMER NAME                         266      TENNANT STATION
 BANK OF THE WE+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|  1 DEF IN    1 03/06/95        908          20 N     27 |
 BANK OF THE WE|  1 DEF IN    1 02/07/95        888          10 N     27 |
               |  1 DEF IN    1 01/11/95        878           6 N     36 |
 266       TENNA|  1 DEF IN    1 12/06/94        872           3 N     25 |
               |  1 DEF IN    1 11/11/94        869           6       29 |
               |  1 DEF IN    1 10/13/94        863          19       36 |
               |  1 DEF IN    1 09/07/94        844          18       27 | LTY I
 PROPERTY ID   |  1 DEF IN    1 08/11/94        826           6       34 | APE
 SOC SECURITY #|  1 DEF IN    1 07/08/94        820           5       28 |
 CA DRIVERS LIC|  1 DEF IN    1 06/10/94        815           2       30 |
 SERVICE       |  1 DEF IN    1 05/11/94        813          12       34 | L DUE
   1 DEF IN    |  1 DEF IN    1 04/07/94        801           0       28 |  0.0
   7 C  1-5    |  1 DEF IN    1 03/10/94        801          11       28 |
   8 C 6-10    |          PRESS ESCAPE TO EXIT DISPLAY      118      389 | 0.30
   9 C 11->    |                                                         |
               +-------------------------------------------------------+

 device      pf      basic      modes  141   18  COMMAND    file      HELP      EXIT
control     keys     config     keys     CN       LINE    transfer
                                        12:35    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2501703              SERVICE ADDRESS
 CUSTOMER NAME                         201      TENNANT STATION
 MOUNTAIN MIKES+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|  1 DEF IN    1 03/06/95        765          12 N     27 |
 MOUNTAIN MIKES|  1 DEF IN    1 02/07/95        753          14 N     27 |
               |  1 DEF IN    1 01/11/95        739          15 N     36 |
 201       TENNA|  1 DEF IN    1 12/06/94        724          13 N     25 |
               |  1 DEF IN    1 11/11/94        711          13       29 |
               |  1 DEF IN    1 10/13/94        698          15       36 |
               |  1 DEF IN    1 09/07/94        683          11       27 | LTY N
 PROPERTY ID   |  1 DEF IN    1 08/11/94        672          14       34 | APE
 SOC SECURITY #|  1 DEF IN    1 07/08/94        658          13       28 |
 CA DRIVERS LIC|  1 DEF IN    1 06/10/94        645          11       30 |
 SERVICE       |  1 DEF IN    1 05/11/94        634          14       34 | L DUE
   1 DEF IN    |  1 DEF IN    1 04/07/94        620          13       28 | 31.80
   7 C  1-5    |  1 DEF IN    1 03/10/94        607          19       28 |
   8 C 6-10    |          PRESS ESCAPE TO EXIT DISPLAY      177      389 | 0.46
   9 C 11->    |                                                         |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2501801              SERVICE ADDRESS
 CUSTOMER NAME                         218      TENNANT STATION
 DELIAS CLEANER+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING     USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/06/95       2587          53 N     27 |
 DELIAS CLEANER|   1 DEF IN     1 02/07/95       2534          55 N     27 |
               |   1 DEF IN     1 01/11/95       2479          70 N     36 |
 218       TENNA|   1 DEF IN     1 12/06/94       2409          43 N     25 |
               |   1 DEF IN     1 11/11/94       2366          58       29 |
               |   1 DEF IN     1 10/13/94       2308          74       36 |
               |   1 DEF IN     1 09/07/94       2234          51       27 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/11/94       2183          64       34 | APE
 SOC SECURITY # |  1 DEF IN     1 07/08/94       2119          55       28 |
 CA DRIVERS LIC|   1 DEF IN     1 06/10/94       2064          62       30 |
 SERVICE       |   1 DEF IN     1 05/11/94       2002          78       34 | L DUE
   1 DEF IN    |   1 DEF IN     1 04/07/94       1924          60       28 |  0.00
   7 C  1-5    |   1 DEF IN     1 03/10/94       1864          56       28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      779      389 | 2.00
   9 C 11->    |                                                           |
               +-------------------------------------------------------+

 device      pf      basic      modes  141   18  COMMAND   file      HELP      EXIT
control     keys     config     keys     CN       LINE    transfer
                                         12:35    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2502202              SERVICE ADDRESS
 CUSTOMER NAME                         406      TENNANT STA
 METROPOLITAN L+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING     USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1                        0           0      0 |
 METROPOLITAN L|   1 DEF IN     1 02/07/95       6773           4 N     27 |
               |   1 DEF IN     1 01/11/95       6769          23 N     36 |
 406       TENNA|   1 DEF IN     1 12/06/94       6746          11 N     25 |
               |   1 DEF IN     1 11/11/94       6735          11       29 |
               |   1 DEF IN     1 10/13/94       6724          23       36 |
               |   1 DEF IN     1 09/07/94       6701          22       27 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/11/94       6679          30       34 |
 SOC SECURITY # |  1 DEF IN     1 07/08/94       6649          23       28 |
 CA DRIVERS LIC|   1 DEF IN     1 06/10/94       6626          23       30 |
 SERVICE       |   1 DEF IN     1 05/11/94       6603          28       34 | L DUE
   1 DEF IN    |   1 DEF IN     1 04/07/94       6575          24       28 | 31.75
   7 C  1-5    |   1 DEF IN     1 03/10/94       6551          22       28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      244      362 | 0.67
   9 C 11->    |                                                           |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2502302              SERVICE ADDRESS
 CUSTOMER NAME                                  TENNANT STATION-LAND #2
 METROPLITAN LI+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING     USED   ESTIMATE DAY
 OWNER NAME/ADD|   1 DEF IN     1                         0          0   0
 METROPLITAN LI|   1 DEF IN     1 02/07/95          49865            0 N  27
               |   1 DEF IN     1 01/11/95          49865            0 N  36
         TENNA |   1 DEF IN     1 12/06/94          49865            0 N  25
               |   1 DEF IN     1 11/11/94          49865            0    29
               |   1 DEF IN     1 10/13/94          49865            0    36
               |   1 DEF IN     1 09/07/94          49865            0    27 LTY N
 PROPERTY ID   |   1 DEF IN     1 08/11/94          49865            0    34
 SOC SECURITY # |  1 DEF IN     1 07/08/94          49865            0    28
 CA DRIVERS LIC |  1 DEF IN     1 06/10/94          49865            0    30
 SERVICE       |   1 DEF IN     1 05/11/94          49865            0    34 L DUE
   1 DEF IN    |   1 DEF IN     1 04/07/94          49865            0    28 71.7(
  13 L 1-5     |   1 DEF IN     1 03/10/94          49865            0    28
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                0     0
  15 L 11->    |
               +-------------------------------------------------------+

 device      pf      basic      modes  141   18  COMMAND   file      HELP      EXIT
control     keys    config      keys     CN       LINE    transfer
                                         12:36    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2503701              SERVICE ADDRESS
 CUSTOMER NAME                         243      TENNANT STATION
 SOUTH COUNTY A+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING     USED   ESTIMATE DAY
 OWNER NAME/ADD|   1 DEF IN     1 03/06/95          351            3 N  27
 SOUTH COUNTY A|   1 DEF IN     1 02/07/95          348            3 N  27
               |   1 DEF IN     1 01/11/95          345            5 N  36
 243       TENNA |   1 DEF IN     1 12/06/94          340            2 N  25
               |   1 DEF IN     1 11/11/94          338            3    29
               |   1 DEF IN     1 10/13/94          335            3    36
               |   1 DEF IN     1 09/07/94          332            3    27 LTY N
 PROPERTY ID   |   1 DEF IN     1 08/11/94          329            3    34
 SOC SECURITY # |  1 DEF IN     1 07/08/94          326            1     7
 CA DRIVERS LIC |  1 DEF IN     1 07/01/94          325            0 N   0
 SERVICE       |   1 DEF IN     1 07/01/94          325            0 N   0 L DUE
   1 DEF IN    |                                                 26   248   0.00
   7 C  1-5    |                                                           0.105
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY
   9 C 11->    |
               +-------------------------------------------------------+
```

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 2504102 SERVICE ADDRESS
CUSTOMER NAME 750 TENNANT AV
CINEMA CAL

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1	03/06/95	4857		35 N	27	
1 DEF IN	1	02/07/95	4822		35 N	27	
1 DEF IN	1	01/11/95	4787		52 N	36	
1 DEF IN	1	12/06/94	4735		46 N	25	
1 DEF IN	1	11/11/94	4689		29	29	
1 DEF IN	1	10/13/94	4660		35	36	
1 DEF IN	1	09/07/94	4625		45	27	LTY N
1 DEF IN	1	08/11/94	4580		74	34	
1 DEF IN	1	07/08/94	4506		59	28	
1 DEF IN	1	06/10/94	4447		40	30	
1 DEF IN	1	05/11/94	4407		30	34	L DUE
1 DEF IN	1	04/07/94	4377		30	28	99.83
1 DEF IN	1	03/10/94	4347		40	28	

OWNER NAME/ADD
CINEMA CAL
750 TENNA
PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
7 C 1-5
8 C 6-10
9 C 11->

PRESS ESCAPE TO EXIT DISPLAY 550 389 1.414

device control pf keys basic config modes keys 141 CN 12:36 18 COMMAND LINE CAPS file transfer HELP EXIT

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 2504204 SERVICE ADDRESS
CUSTOMER NAME TENNANT-BOWL ALLEY
METROPOLITAN L

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1		0		0	0	
1 DEF IN	1	02/07/95	8351		166 N	27	
1 DEF IN	1	01/11/95	8185		199 N	36	
1 DEF IN	1	12/06/94	7986		142 N	25	
1 DEF IN	1	11/11/94	7844		168	29	
1 DEF IN	1	10/13/94	7676		208	36	
1 DEF IN	1	09/07/94	7468		143	27	LTY N
1 DEF IN	1	08/11/94	7325		185	34	
1 DEF IN	1	07/08/94	7140		136	28	
1 DEF IN	1	06/10/94	7004		148	30	
1 DEF IN	1	05/11/94	6856		178	34	L DUE
1 DEF IN	1	04/07/94	6678		160	28	42.68
1 DEF IN	1	03/10/94	6518		147	28	

OWNER NAME/ADD
METTOPOLITAN L
TENNA
PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
7 C 1-5
8 C 6-10
9 C 11->

PRESS ESCAPE TO EXIT DISPLAY 1980 362 5.47

```
QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2504500              SERVICE ADDRESS
 CUSTOMER NAME                         500      TENNANT AV - LANDSCAPE
 S.V. NAT'L BAN+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING     USED   ESTIMATE DAY |
 OWNER NAME/ADD|  1 DEF IN    1 03/06/95       1165          6 N      27 |
 S.V. NAT'L BAN|  1 DEF IN    1 02/07/95       1159          7 N      27 |
               |  1 DEF IN    1 01/11/95       1152          6 N      36 |
 500       TENNA  1 DEF IN    1 12/06/94       1146          6 N      25 |
               |  1 DEF IN    1 11/11/94       1140          8        29 |
               |  1 DEF IN    1 10/13/94       1132          9        36 |
               |  1 DEF IN    1 09/07/94       1123          7        27 | LTY N
 PROPERTY ID   |  1 DEF IN    1 08/11/94       1116          9        34 |
 SOC SECURITY # |  1 DEF IN    1 07/08/94       1107          7        28 |
 CA DRIVERS LIC |  1 DEF IN    1 06/10/94       1100          9        30 |
 SERVICE       |  1 DEF IN    1 05/11/94       1091         10        34 | L DUE
   1 DEF IN    |  1 DEF IN    1 04/07/94       1081          9        28 |  0.0(
   7 C  1-5    |  1 DEF IN    1 03/10/94       1072          9        28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY     102       389 | 0.26
   9 C 11->    |                                                          |
               +-------------------------------------------------------+

 device      pf      basic      modes  141   18  COMMAND   file      HELP      EXIT
control     keys    config      keys     CN       LINE    transfer
                                         12:37    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2504601              SERVICE ADDRESS
 CUSTOMER NAME                                 TENNANT STATION-LAND #1
 METROPOLITAN L+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING     USED   ESTIMATE DAY |
 OWNER NAME/ADD|  1 DEF IN    1 03/06/95      13126          3 N      27 |
 METROPOLITAN L|  1 DEF IN    1 02/07/95      13123          0 N      27 |
               |  1 DEF IN    1 01/11/95      13123          7 N      36 |
           TENNA  1 DEF IN    1 12/06/94      13116        109 N      25 |
               |  1 DEF IN    1 11/11/94      13007        248        29 |
               |  1 DEF IN    1 10/13/94      12759        244        36 |
               |  1 DEF IN    1 09/07/94      12515        226        27 | LTY N
 PROPERTY ID   |  1 DEF IN    1 08/11/94      12289        229        34 |
 SOC SECURITY # |  1 DEF IN    1 07/08/94      12060        424        28 |
 CA DRIVERS LIC |  1 DEF IN    1 06/10/94      11636        195        30 |
 SERVICE       |  1 DEF IN    1 05/11/94      11441        362        34 | L DUE
   1 DEF IN    |  1 DEF IN    1 04/07/94      11079         14        28 |  8.15
  13 L 1-5     |  1 DEF IN    1 03/10/94      11065         15        28 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY    2076       389 | 5.34
  15 L 11->    |                                                    362    | 5.73
               +-------------------------------------------------------+
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not sure in col

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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2505202              SERVICE ADDRESS
 CUSTOMER NAME                         850      TENNANT STATION
 GET FIT FITNES+-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/06/95        1091          18 N     27 |
 GET FIT FITNES|   1 DEF IN     1 02/07/95        1073          17 N     27 |
               |   1 DEF IN     1 01/11/95        1056          18 N     36 |
 850       TENNA|   1 DEF IN     1 12/06/94        1038          14 N     25 |
               |   1 DEF IN     1 11/11/94        1024          17       29 |
               |   1 DEF IN     1 10/13/94        1007          22       36 |
 MICHAEL & RENA|   1 DEF IN     1 09/07/94         985          15       27 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/11/94         970          20       34 |
 SOC SECURITY # |   1 DEF IN     1 07/08/94         950          13       28 |
 CA DRIVERS LIC|   1 DEF IN     1 06/10/94         937          16       30 |
 SERVICE       |   1 DEF IN     1 05/11/94         921          19       34 | L DUE
   1 DEF IN    |   1 DEF IN     1 04/07/94         902          23       28 | 37.20
   7 C  1-5    |   1 DEF IN     1 03/10/94         879          22       28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY   239        389  | 0.60
   9 C 11->    |                                                           |
               +-------------------------------------------------------+

 device     pf      basic     modes  141   18  COMMAND   file      HELP      EXIT
control     keys    config    keys     CN       LINE    transfer
                                       12:38    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2506200              SERVICE ADDRESS
 CUSTOMER NAME                         890      TENNANT STATION
 SPEE DEE OIL C+-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/06/95         386           5 N     27 |
 SPEE DEE OIL C|   1 DEF IN     1 02/07/95         381          20 N     27 |
               |   1 DEF IN     1 01/11/95         361          24 N     36 |
 890       TENNA|   1 DEF IN     1 12/06/94         337          13 N     25 |
               |   1 DEF IN     1 11/11/94         324          26       29 |
               |   1 DEF IN     1 10/13/94         298          16       36 |
               |   1 DEF IN     1 09/07/94         282           5       27 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/11/94         277           6       34 | APE
 SOC SECURITY # |   1 DEF IN     1 07/08/94         271           5       28 |
 CA DRIVERS LIC|   1 DEF IN     1 06/10/94         266           5       30 |
 SERVICE       |   1 DEF IN     1 05/11/94         261           8       34 | L DUE
   1 DEF IN    |   1 DEF IN     1 04/07/94         253           5       28 | 22.30
   7 C  1-5    |   1 DEF IN     1 03/10/94         248           5       28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY   143        389  | 0.36
   9 C 11->    |                                                           |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 0722900 SERVICE ADDRESS
CUSTOMER NAME 451 VINEYARD TOWN CTR WY
NOB HILL FOODS

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1	02/21/95	12351	198	N	29	
1 DEF IN	1	01/23/95	12153	238	N	35	
1 DEF IN	1	12/19/94	11915	183	N	28	
1 DEF IN	1	11/21/94	11732	176	N	28	
1 DEF IN	1	10/24/94	11556	165		28	
1 DEF IN	1	09/26/94	11391	153		34	
1 DEF IN	1	08/23/94	11238	105		28	LTY N
1 DEF IN	1	07/26/94	11133	172		36	APE
1 DEF IN	1	06/20/94	10961	119		28	
1 DEF IN	1	05/23/94	10842	114		28	
1 DEF IN	1	04/25/94	10728	129		35	L DUE
1 DEF IN	1	03/21/94	10599	95		27	42.15
1 DEF IN	1	02/22/94	10504	102		28	

FILE #22
GILROY, CA
95020
200 E. 10TH
PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
7 C 1-5
8 C 6-10
9 C 11->

PRESS ESCAPE TO EXIT DISPLAY

1949 392 4-97

device control | pf keys | basic config | modes keys | 141 CN 12:43 | 18 | COMMAND LINE CAPS | file transfer | HELP | EXIT

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 0723000 SERVICE ADDRESS
CUSTOMER NAME 101 VINEYARD TOWN CTR WY
BANK OF AMERIC

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1	02/21/95	5725	7	N	29	
1 DEF IN	1	01/23/95	5718	7	N	35	
1 DEF IN	1	12/19/94	5711	6	N	28	
1 DEF IN	1	11/21/94	5705	5	Y	28	
1 DEF IN	1	10/24/94	5700	5		28	
1 DEF IN	1	09/26/94	5695	9		34	
1 DEF IN	1	08/23/94	5686	12		28	LTY N
1 DEF IN	1	07/26/94	5674	9		36	APE
1 DEF IN	1	06/20/94	5665	95		28	
1 DEF IN	1	05/23/94	5570	118		28	
1 DEF IN	1	04/25/94	5452	66		35	L DUE
1 DEF IN	1	03/21/94	5386	7		27	34.25
1 DEF IN	1	02/22/94	5379	5		28	

101 VINEY
MORGAN HILL CA
95037

PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
7 C 1-5
8 C 6-10
9 C 11->

PRESS ESCAPE TO EXIT DISPLAY

351 392 0-89

```
QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0723100              SERVICE ADDRESS
 CUSTOMER NAME                         201      VINEYARD TOWN CTR WY
 JAMES C. HENLE+-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/21/95       9117          52 N     29 |
 MCDONALD'S    |   1 DEF IN     1 01/23/95       9065          88 N     35 |
               |   1 DEF IN     1 12/19/94       8977          41 N     28 |
 201      VINEY|   1 DEF IN     1 11/21/94       8936          50 N     28 |
 MORGAN HILL CA|   1 DEF IN     1 10/24/94       8886          66       28 |
 95037         |   1 DEF IN     1 09/26/94       8820          98       34 |
               |   1 DEF IN     1 08/23/94       8722          86       28 | LTY N
 PROPERTY ID   |   1 DEF IN     1 07/26/94       8636         111       36 |
 SOC SECURITY # |   1 DEF IN     1 06/20/94       8525          80       28 |
 CA DRIVERS LIC|   1 DEF IN     1 05/23/94       8445          81       28 |
 SERVICE       |   1 DEF IN     1 04/25/94       8364         105       35 | L DUE
   1 DEF IN    |   1 DEF IN     1 03/21/94       8259          76       27 | 55.41
   7 C  1-5    |   1 DEF IN     1 02/22/94       8183          75       28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      1009      392 | 2.57
   9 C 11->    |                                                           |
               +-------------------------------------------------------+

 device      pf      basic      modes  141   18  COMMAND   file      HELP      EXIT
control     keys     config     keys     CN       LINE    transfer
                                        12:43    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0723200              SERVICE ADDRESS
 CUSTOMER NAME                                VINEYARD TWN CTR WY      LANDSCAP
 KENT FAMILY TR+-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/21/95      44572          13 N     29 |
 KENT FAMILY TR|   1 DEF IN     1 01/23/95      44559          19 N     35 |
               |   1 DEF IN     1 12/19/94      44540          12 N     28 |
 15335    CALLE|   1 DEF IN     1 11/21/94      44528         303 N     28 |
 MORGAN HILL CA|   1 DEF IN     1 10/24/94      44225         329       28 |
 95037         |   1 DEF IN     1 09/26/94      43896         913       34 |
               |   1 DEF IN     1 08/23/94      42983         728       28 | LTY N
 PROPERTY ID   |   1 DEF IN     1 07/26/94      42255         902       36 | APE
 SOC SECURITY # |   1 DEF IN     1 06/20/94      41353         556       28 |
 CA DRIVERS LIC|   1 DEF IN     1 05/23/94      40797         357       28 |
 SERVICE       |   1 DEF IN     1 04/25/94      40440         485       35 | L DUE
   1 DEF IN    |   1 DEF IN     1 03/21/94      39955         196       27 | 29.10
  13 L 1-5     |   1 DEF IN     1 02/22/94      39759          39       28 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      4852      392 | 12.378
  15 L 11->    |                                                           |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0723400              SERVICE ADDRESS
 CUSTOMER NAME                         401      VINEYARD TWN CTR WY
 PAYLESS DRUGS +-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 02/21/95       4009          12 N    29 |
 PAYLESS DRUGS |   1 DEF IN    1 01/23/95       3997          12 N    35 |
               |   1 DEF IN    1 12/19/94       3985          13 N    28 |
 401      VINEY|   1 DEF IN    1 11/21/94       3972          15 N    28 |
 MORGAN HILL CA|   1 DEF IN    1 10/24/94       3957          21      28 |
 95037         |   1 DEF IN    1 09/26/94       3936          33      34 |
               |   1 DEF IN    1 08/23/94       3903          35      28 | LTY N
 PROPERTY ID   |   1 DEF IN    1 07/26/94       3868          57      36 | APE
 SOC SECURITY # |  1 DEF IN    1 06/20/94       3811          57      28 |
 CA DRIVERS LIC|   1 DEF IN    1 05/23/94       3754          37      28 |
 SERVICE       |   1 DEF IN    1 04/25/94       3717          64      35 | L DUE
   1 DEF IN    |   1 DEF IN    1 03/21/94       3653          14      27 | 66.7(
   7 C  1-5    |   1 DEF IN    1 02/22/94       3639           9      28 |
   8 C 6-10    |             PRESS ESCAPE TO EXIT DISPLAY      379     392 | 0.96
   9 C 11->    |                                                          |
               +-------------------------------------------------------+

 device      pf      basic      modes  141   18  COMMAND   file      HELP      EXIT
control     keys     config     keys     CN       LINE    transfer
                                         12:44    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0723600              SERVICE ADDRESS
 CUSTOMER NAME                         411      VINEYARD TWN CTR WY
 KENT TRUST    +-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 02/21/95        966          60 N    29 |
 KENT TRUST    |   1 DEF IN    1 01/23/95        906          84 N    35 |
               |   1 DEF IN    1 12/19/94        822          91 N    28 |
 15335    CALLE|   1 DEF IN    1 11/21/94        731          60 N    28 |
 MORGAN HILL CA|   1 DEF IN    1 10/24/94        671          48      28 |
 95037         |   1 DEF IN    1 09/26/94        623          77      34 |
               |   1 DEF IN    1 08/23/94        546         148      28 | LTY N
 PROPERTY ID   |   1 DEF IN    1 07/26/94        398         114      36 | APE
 SOC SECURITY # |  1 DEF IN    1 06/20/94        284          83      28 |
 CA DRIVERS LIC|   1 DEF IN    1 05/23/94        201          44      28 |
 SERVICE       |   1 DEF IN    1 04/25/94        157          49      35 | L DUE
   1 DEF IN    |   1 DEF IN    1 03/21/94        108          42      27 | 29.90
   7 C  1-5    |   1 DEF IN    1 02/22/94         66          45      28 |
   8 C 6-10    |             PRESS ESCAPE TO EXIT DISPLAY      945     392 | 2.41
   9 C 11->    |                                                          |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0723700              SERVICE ADDRESS
 CUSTOMER NAME                         419      VINEYARD TWN CTR WY
 KENT TRUST - S+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 02/21/95       136          19 N     29 |
 KENT TRUST - S|   1 DEF IN    1 01/23/95       117          35 N     35 |
               |   1 DEF IN    1 12/19/94        82          20 N     28 |
 15335    CALLE|   1 DEF IN    1 11/21/94        62          10 N     28 |
 MORGAN HILL CA|   1 DEF IN    1 10/24/94        52           3       28 |
 95037         |   1 DEF IN    1 09/26/94        49           4       34 |
               |   1 DEF IN    1 08/23/94        45           3       28 | LTY N
 PROPERTY ID   |   1 DEF IN    1 07/26/94        42           3       36 | APE
 SOC SECURITY # |   1 DEF IN    1 06/20/94        39           5       28 |
 CA DRIVERS LIC|   1 DEF IN    1 05/23/94        34           8       28 |
 SERVICE       |   1 DEF IN    1 04/25/94        26          11       35 | L DUE
   1 DEF IN    |   1 DEF IN    1 03/21/94        15           7       27 | 60.20
   7 C  1-5    |   1 DEF IN    1 02/22/94         8           5       28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      133     392 | 0.339
   9 C 11->    |                                                         |
               +-------------------------------------------------------+

 device     pf      basic     modes  141   18  COMMAND   file     HELP     EXIT
control     keys    config    keys     CN       LINE   transfer
                                       12:47    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0724800              SERVICE ADDRESS
 CUSTOMER NAME                                VINEYARD TOWN CENTER
 KENT FAMILY TR+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 02/21/95      3095          69 N     29 |
 KENT FAMILY TR|   1 DEF IN    1 01/23/95      3026          86 N     35 |
               |   1 DEF IN    1 12/19/94      2940          72 N     28 |
 STUFT PI      |   1 DEF IN    1 11/21/94      2868          78 N     28 |
 MORGAN HILL CA|   1 DEF IN    1 10/24/94      2790          84       28 |
 95037         |   1 DEF IN    1 09/26/94      2706          89       34 |
 15335 CALLE EN|   1 DEF IN    1 08/23/94      2617          83       28 | LTY N
 PROPERTY ID   |   1 DEF IN    1 07/26/94      2534          96       36 | APE
 SOC SECURITY # |   1 DEF IN    1 06/20/94      2438         103       28 |
 CA DRIVERS LIC|   1 DEF IN    1 05/23/94      2335          84       28 |
 SERVICE       |   1 DEF IN    1 04/25/94      2251         152       35 | L DUE
   1 DEF IN    |   1 DEF IN    1 03/21/94      2099         105       27 | 09.75
   7 C  1-5    |   1 DEF IN    1 02/22/94      1994         166       28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY     1267     392 | 3.232
   9 C 11->    |                                                         |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0725100              SERVICE ADDRESS
 CUSTOMER NAME                         501      VINEYARD TOWN CENTER
 KENT FAMILY TR+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING     USED   ESTIMATE DAY |
 OWNER NAME/ADD|  1 DEF IN    1 02/21/95          61          1 N     29 |
 KENT FAMILY TR|  1 DEF IN    1 01/23/95          60          2 N     35 |
               |  1 DEF IN    1 12/19/94          58          0 N     28 |
 15335    CALLE|  1 DEF IN    1 11/21/94          58          1 N     28 |
 MORGAN HILL CA|  1 DEF IN    1 10/24/94          57          1       28 |
 95037         |  1 DEF IN    1 09/26/94          56          2       34 |
               |  1 DEF IN    1 08/23/94          54          1       28 |
 PROPERTY ID   |  1 DEF IN    1 07/26/94          53          2       36 |
 SOC SECURITY # |  1 DEF IN    1 06/20/94          51          2       28 |
 CA DRIVERS LIC|  1 DEF IN    1 05/23/94          49          1       28 |
 SERVICE       |  1 DEF IN    1 04/25/94          48          2       35 |
   1 DEF IN    |  1 DEF IN    1 03/21/94          46          2       27 |
   7 C  1-5    |  1 DEF IN    1 02/22/94          44          1       28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                  |
   9 C 11->    |                                                          |
               +-------------------------------------------------------+

 device      pf      basic      modes  141   18  COMMAND   file      HELP      EXIT
control     keys    config      keys     CN       LINE    transfer
                                         12:48    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0725200              SERVICE ADDRESS
 CUSTOMER NAME                         421      VINEYARD TWN CTR WY      WAREHOUS
 PACIFIC OAK PR+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING     USED   ESTIMATE DAY |
 OWNER NAME/ADD|  1 DEF IN    1 02/21/95        4985        141 N     29 |
 PACIFIC OAK PR|  1 DEF IN    1 01/23/95        4844        177       35 |
               |  1 DEF IN    1 12/19/94        4667        155 N     28 |
 15335    CALLE|  1 DEF IN    1 11/21/94        4512        116 N     28 |
 MORGAN HILL, C|  1 DEF IN    1 10/24/94        4396         80       28 |
 95037         |  1 DEF IN    1 09/26/94        4316         72       34 |
               |  1 DEF IN    1 08/23/94        4244         88       28 |
 PROPERTY ID   |  1 DEF IN    1 07/26/94        4156         84       36 |
 SOC SECURITY # |  1 DEF IN    1 06/20/94        4072         47       28 |
 CA DRIVERS LIC|  1 DEF IN    1 05/23/94        4025        114       28 |
 SERVICE       |  1 DEF IN    1 04/25/94        3911         81       35 |
   1 DEF IN    |  1 DEF IN    1 03/21/94        3830         77       27 |
   7 C  1-5    |  1 DEF IN    1 02/22/94        3753         73       28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                  |
   9 C 11->    |                                                          |
               +-------------------------------------------------------+
```

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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0725300              SERVICE ADDRESS
 CUSTOMER NAME                         421      VINEYARD TWN CTR WY      SHOE
 PACIFIC OAK PR+-------------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY    |
 OWNER NAME/ADD|   1 DEF IN    1 02/21/95        315          20 N     29    |
 PACIFIC OAK PR|   1 DEF IN    1 01/23/95        295           8 N     35    |
               |   1 DEF IN    1 12/19/94        287           7 N     28    |
 15335    CALLE|   1 DEF IN    1 11/21/94        280           2 N     28    |
 MORGAN HILL, C|   1 DEF IN    1 10/24/94        278           2       28    |
 95037         |   1 DEF IN    1 09/26/94        276           8       34    |
               |   1 DEF IN    1 08/23/94        268           3       28    | LTY N
 PROPERTY ID   |   1 DEF IN    1 07/26/94        265           7       36    | APE
 SOC SECURITY # |  1 DEF IN    1 06/20/94        258           1       28    |
 CA DRIVERS LIC|   1 DEF IN    1 05/23/94        257           4       28    |
 SERVICE       |   1 DEF IN    1 04/25/94        253          24       35    | L DUE
   1 DEF IN    |   1 DEF IN    1 03/21/94        229          16       27    | 01.70
   7 C  1-5    |   1 DEF IN    1 02/22/94        213           9       28    |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      111      392   | 0.283
   9 C 11->    |                                                             |
               +-------------------------------------------------------------+

 device     pf      basic     modes  141   18  COMMAND   file      HELP      EXIT
control     keys    config    keys     CN       LINE    transfer
                                       12:48    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0725400              SERVICE ADDRESS
 CUSTOMER NAME                                 VINEYARD TWN CTR          LANDSCAP
 PACIFIC OAK PR+-------------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY    |
 OWNER NAME/ADD|   1 DEF IN    1 02/21/95       9492           0 N     29    |
 PACIFIC OAK PR|   1 DEF IN    1 01/23/95       9492           1 N     35    |
               |   1 DEF IN    1 12/19/94       9491          60 N     28    |
 15335    CALLE|   1 DEF IN    1 11/21/94       9431         213 N     28    |
 MORGAN HILL, C|   1 DEF IN    1 10/24/94       9218         212       28    |
 95037         |   1 DEF IN    1 09/26/94       9006         258       34    |
               |   1 DEF IN    1 08/23/94       8748         206       28    | LTY N
 PROPERTY ID   |   1 DEF IN    1 07/26/94       8542         252       36    | APE
 SOC SECURITY # |  1 DEF IN    1 06/20/94       8290         177       28    |
 CA DRIVERS LIC|   1 DEF IN    1 05/23/94       8113         145       28    |
 SERVICE       |   1 DEF IN    1 04/25/94       7968         250       35    | L DUE
   1 DEF IN    |   1 DEF IN    1 03/21/94       7718          63       27    | 13.10
  13 L 1-5     |   1 DEF IN    1 02/22/94       7655          57       28    |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY     1894      363   | 5.218
  15 L 11->    |                                                             |
               +-------------------------------------------------------------+
```

not used in ca

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 0725500 SERVICE ADDRESS
CUSTOMER NAME 428 VINEYARD TWN CTR WY YOGURT
PACIFIC OAK PR

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY
1 DEF IN	1	02/21/95	294		20 N	29
1 DEF IN	1	01/23/95	274		23 N	35
1 DEF IN	1	12/19/94	251		23 N	28
1 DEF IN	1	11/21/94	228		21 N	28
1 DEF IN	1	10/24/94	207		21	28
1 DEF IN	1	09/26/94	186		23	34
1 DEF IN	1	08/23/94	163		20	28
1 DEF IN	1	07/26/94	143		25	36
1 DEF IN	1	06/20/94	118		20	28
1 DEF IN	1	05/23/94	98		21	28
1 DEF IN	1	04/25/94	77		26	35
1 DEF IN	1	03/21/94	51		20	27
1 DEF IN	1	02/22/94	31		22	28
		PRESS ESCAPE TO EXIT DISPLAY		285		392

OWNER NAME/ADD
PACIFIC OAK PR

15335 CALLE
MORGAN HILL, C
95037

PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
7 C 1-5
8 C 6-10
9 C 11->

LTY i.
APE

L DUE
99.3(

0.72

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 3100000 SERVICE ADDRESS
CUSTOMER NAME 490 JARVIS DR-LANDSCAPE #A
WILTRON-12C

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1	03/07/95	20561		3 N	28	
1 DEF IN	1	02/07/95	20558		2 N	27	
1 DEF IN	1	01/11/95	20556		3 N	35	
1 DEF IN	1	12/07/94	20553		1 N	27	
1 DEF IN	1	11/10/94	20552	111		27	
1 DEF IN	1	10/14/94	20441	331		36	
1 DEF IN	1	09/08/94	20110	271		29	LTY N
1 DEF IN	1	08/10/94	19839	315		34	APE
1 DEF IN	1	07/07/94	19524	215		28	
1 DEF IN	1	06/09/94	19309	157		28	
1 DEF IN	1	05/12/94	19152	177		36	L DUE
1 DEF IN	1	04/06/94	18975	99		28	15.10
1 DEF IN	1	03/09/94	18876	1		28	

OWNER NAME/ADD
WILTRON-12C
490 JARVI
PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
13 L 1-5
14 L 6-10
15 L 11->

PRESS ESCAPE TO EXIT DISPLAY

1686 391 4.312

device control pf keys basic config modes keys 141 CN 12:51 18 COMMAND LINE CAPS file transfer HELP EXIT

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 3100100 SERVICE ADDRESS
CUSTOMER NAME 675 JARVIS DR-#4A GROUNDS
WILTRON

not use in calc

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1	03/07/95	13532		0 N	28	
1 DEF IN	1	02/07/95	13532		7 N	27	
1 DEF IN	1	01/11/95	13525		10 N	35	
1 DEF IN	1	12/07/94	13515		11 N	27	
1 DEF IN	1	11/10/94	13504	189		27	
1 DEF IN	1	10/14/94	13315	502		36	
1 DEF IN	1	09/08/94	12813	524		29	LTY N
1 DEF IN	1	08/10/94	12289	237		34	
1 DEF IN	1	07/07/94	12052	184		28	
1 DEF IN	1	06/09/94	11868	294		28	
1 DEF IN	1	05/12/94	11574	154		36	L DUE
1 DEF IN	1	04/06/94	11420	161		28	15.15
1 DEF IN	1	03/09/94	11259	7		28	

OWNER NAME/ADD
WILTRON
675 JARVI
PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
13 L 1-5
14 L 6-10
15 L 11->

PRESS ESCAPE TO EXIT DISPLAY

2280 363 6.281

```
QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  3100200              SERVICE ADDRESS
 CUSTOMER NAME                         685      JARVIS DR                    #4B
 WILTRON          +-------------------------------------------------------------+
                  | SERVICE   METER   DATE    READING     USED   ESTIMATE DAY  |
 OWNER NAME/ADD   |   1 DEF IN     1 03/07/95       21636          34 N     28  |
 WILTRON          |   1 DEF IN     1 02/07/95       21602          32 N     27  |
                  |   1 DEF IN     1 01/11/95       21570          39 N     35  |
 685       JARVI  |   1 DEF IN     1 12/07/94       21531          30 N     27  |
                  |   1 DEF IN     1 11/10/94       21501         339       27  |
                  |   1 DEF IN     1 10/14/94       21162         621       36  |
                  |   1 DEF IN     1 09/08/94       20541         546       29  | LTY N
 PROPERTY ID      |   1 DEF IN     1 08/10/94       19995         414       34  |
 SOC SECURITY #   |   1 DEF IN     1 07/07/94       19581         273       28  |
 CA DRIVERS LIC   |   1 DEF IN     1 06/09/94       19308         275       28  |
 SERVICE          |   1 DEF IN     1 05/12/94       19033         353       36  | L DUE
   1 DEF IN       |   1 DEF IN     1 04/06/94       18680         241       28  | 63.1
  13 L 1-5        |   1 DEF IN     1 03/09/94       18439          31       28  |
  14 L 6-10       |              PRESS ESCAPE TO EXIT DISPLAY                   |
  15 L 11->       |                                          3228     391       |
                  +-------------------------------------------------------------+ 8.2

 device      pf      basic      modes   141   18  COMMAND   file      HELP      EXIT
control      keys    config     keys     CN       LINE    transfer
                                         12:52    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  3100300              SERVICE ADDRESS
 CUSTOMER NAME                         490      JARVIS DR                  BLDG #A
 WILTRON-12C      +-------------------------------------------------------------+
                  | SERVICE   METER   DATE    READING     USED   ESTIMATE DAY  |
 OWNER NAME/ADD   |   1 DEF IN     1 03/07/95       11479          80 N     28  |
 WILTRON-12C      |   1 DEF IN     1 02/07/95       11399          75 N     27  |
                  |   1 DEF IN     1 01/11/95       11324          73 N     35  |
 490       JARVI  |   1 DEF IN     1 12/07/94       11251          70 N     27  |
                  |   1 DEF IN     1 11/10/94       11181          69       27  |
                  |   1 DEF IN     1 10/14/94       11112          90       36  |
                  |   1 DEF IN     1 09/08/94       11022          69       29  | LTY N
 PROPERTY ID      |   1 DEF IN     1 08/10/94       10953          86       34  | APE
 SOC SECURITY #   |   1 DEF IN     1 07/07/94       10867          60       28  |
 CA DRIVERS LIC   |   1 DEF IN     1 06/09/94       10807          59       28  |
 SERVICE          |   1 DEF IN     1 05/12/94       10748          86       36  | L DUE
   1 DEF IN       |   1 DEF IN     1 04/06/94       10662          60       28  | 67.00
   7 C  1-5       |   1 DEF IN     1 03/09/94       10602          57       28  |
   8 C 6-10       |              PRESS ESCAPE TO EXIT DISPLAY                   |
   9 C 11->       |                                           934     391      | 2.38
                  +-------------------------------------------------------------+
```

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 3100400 SERVICE ADDRESS
CUSTOMER NAME 675 JARVIS DR #4A
WILTRON

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
OWNER NAME/ADD	1 DEF IN	1	03/07/95	2796		47 N	28	
WILTRON	1 DEF IN	1	02/07/95	2749		40 N	27	
	1 DEF IN	1	01/11/95	2709		39 N	35	
675 JARVI	1 DEF IN	1	12/07/94	2670		33 N	27	
	1 DEF IN	1	11/10/94	2637		28	27	
	1 DEF IN	1	10/14/94	2609		39	36	
	1 DEF IN	1	09/08/94	2570		30	29	LTY N
PROPERTY ID	1 DEF IN	1	08/10/94	2540		38	34	
SOC SECURITY #	1 DEF IN	1	07/07/94	2502		32	28	
CA DRIVERS LIC	1 DEF IN	1	06/09/94	2470		35	28	
SERVICE	1 DEF IN	1	05/12/94	2435		46	36	L DUE
1 DEF IN	1 DEF IN	1	04/06/94	2389		31	28	60.50
7 C 1-5	1 DEF IN	1	03/09/94	2358		27	28	
8 C 6-10	PRESS ESCAPE TO EXIT DISPLAY					465	391	1.18
9 C 11->								

device control | pf keys | basic config | modes keys | 141 CN 12:52 | 18 LINE CAPS | COMMAND file transfer | HELP | EXIT

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 3100500 SERVICE ADDRESS
CUSTOMER NAME 685 JARVIS DR #4B
WILTRON

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
OWNER NAME/ADD	1 DEF IN	1	03/07/95	4806		48 N	28	
WILTRON	1 DEF IN	1	02/07/95	4758		43 N	27	
	1 DEF IN	1	01/11/95	4715		55 N	35	
685 JARVI	1 DEF IN	1	12/07/94	4660		46 N	27	
	1 DEF IN	1	11/10/94	4614		46	27	
	1 DEF IN	1	10/14/94	4568		61	36	
	1 DEF IN	1	09/08/94	4507		48	29	LTY N
PROPERTY ID	1 DEF IN	1	08/10/94	4459		60	34	
SOC SECURITY #	1 DEF IN	1	07/07/94	4399		51	28	
CA DRIVERS LIC	1 DEF IN	1	06/09/94	4348		42	28	
SERVICE	1 DEF IN	1	05/12/94	4306		72	36	L DUE
1 DEF IN	1 DEF IN	1	04/06/94	4234		56	28	78.20
7 C 1-5	1 DEF IN	1	03/09/94	4178		54	28	
8 C 6-10	PRESS ESCAPE TO EXIT DISPLAY					682	391	1.74
9 C 11->								

```
QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  3100701              SERVICE ADDRESS
 CUSTOMER NAME                         490      JARVIS DR #1
 VENTURE CORPOR+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/07/95      14158           0 N      28 |
 VENTURE CORPOR|   1 DEF IN     1 02/07/95      14158           0 N      27 |
               |   1 DEF IN     1 01/11/95      14158           0 N      35 |
 490       JARVI|   1 DEF IN     1 12/07/94      14158           0 N      27 |
               |   1 DEF IN     1 11/10/94      14158           0        27 |
               |   1 DEF IN     1 10/14/94      14158           0        36 |
               |   1 DEF IN     1 09/08/94      14158           0        29 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/10/94      14158           0        34 |
 SOC SECURITY # |   1 DEF IN     1 07/07/94      14158           0        28 |
 CA DRIVERS LIC|   1 DEF IN     1 06/09/94      14158           0        28 |
 SERVICE       |   1 DEF IN     1 05/12/94      14158           0        36 | L DU
   1 DEF IN    |   1 DEF IN     1 04/06/94      14158           0 N      28 | 26.4
  13 L 1-5     |   1 DEF IN     1 03/09/94      14158           0        28 |
  14 L 6-10    |              PRESS ESCAPE TO EXIT DISPLAY                  |
  15 L 11->    |                                                            |
               +-------------------------------------------------------+

 device      pf       basic      modes  141   18  COMMAND   file      HELP      EXIT
control      keys     config     keys     CN        LINE    transfer
                                          12:53     CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  3100801              SERVICE ADDRESS
 CUSTOMER NAME                         490      JARVIS DR #2
 VENTURE CORPOR+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/07/95      16960           3 N      28 |
 VENTURE CORPOR|   1 DEF IN     1 02/07/95      16957           3 N      27 |
               |   1 DEF IN     1 01/11/95      16954           2 N      35 |
 490       JARVI|   1 DEF IN     1 12/07/94      16952           0 N      27 |
               |   1 DEF IN     1 11/10/94      16952          70        27 |
               |   1 DEF IN     1 10/14/94      16882         172        36 |
               |   1 DEF IN     1 09/08/94      16710         161        29 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/10/94      16549         426        34 |
 SOC SECURITY # |   1 DEF IN     1 07/07/94      16123         150        28 |
 CA DRIVERS LIC|   1 DEF IN     1 06/09/94      15973         154        28 |
 SERVICE       |   1 DEF IN     1 05/12/94      15819          76        36 | L DUE
   1 DEF IN    |   1 DEF IN     1 04/06/94      15743          10        28 | 41.58
  13 L 1-5     |   1 DEF IN     1 03/09/94      15733           7        28 |
  14 L 6-10    |              PRESS ESCAPE TO EXIT DISPLAY                  |
  15 L 11->    |                                                            |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  3100901              SERVICE ADDRESS
 CUSTOMER NAME                         490      JARVIS DR #3
 VENTURE CORPOR+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/07/95      5130          0 N      28 |
 VENTURE CORPOR|   1 DEF IN     1 02/07/95      5130          0 N      27 |
               |   1 DEF IN     1 01/11/95      5130          0 N      35 |
 490       JARVI|   1 DEF IN     1 12/07/94      5130          0 Y      27 |
               |   1 DEF IN     1 11/10/94      5130          0        27 |
               |   1 DEF IN     1 10/14/94      5130          0        36 |
               |   1 DEF IN     1 09/08/94      5130          0        29 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/10/94      5130          0        34 |
 SOC SECURITY # |  1 DEF IN     1 07/07/94      5130          0        28 |
 CA DRIVERS LIC |  1 DEF IN     1 06/09/94      5130          0        28 |
 SERVICE       |   1 DEF IN     1 05/12/94      5130          0        36 | L DUE
   1 DEF IN    |   1 DEF IN     1 04/06/94      5130          0        28 |  0.00
  13 L 1-5     |   1 DEF IN     1 03/09/94      5130          0        28 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                   |
  15 L 11->    |                                                           |
               +-------------------------------------------------------+

 device      pf      basic      modes  141   18  COMMAND   file      HELP      EXIT
control     keys     config     keys     CN        LINE    transfer
                                         12:54     CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  3101001              SERVICE ADDRESS
 CUSTOMER NAME                         490      JARVIS DR #4
 VENTURE CORPOR+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/07/95     27339          5 N      28 |
 VENTURE CORPOR|   1 DEF IN     1 02/07/95     27334          5 N      27 |
               |   1 DEF IN     1 01/11/95     27329          2 N      35 |
 490       JARVI|   1 DEF IN     1 12/07/94     27327          1 N      27 |
               |   1 DEF IN     1 11/10/94     27326          5        27 |
               |   1 DEF IN     1 10/14/94     27321         15        36 |
               |   1 DEF IN     1 09/08/94     27306          9        29 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/10/94     27297          0        34 |
 SOC SECURITY # |  1 DEF IN     1 07/07/94     27297          0        28 |
 CA DRIVERS LIC |  1 DEF IN     1 06/09/94     27297          0        28 |
 SERVICE       |   1 DEF IN     1 05/12/94     27297          0        36 | L DUE
   1 DEF IN    |   1 DEF IN     1 04/06/94     27297          0        28 |  0.00
  13 L 1-5     |   1 DEF IN     1 03/09/94     27297          0        28 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                   |
  15 L 11->    |                                                  42  209  | 0.201
               +-------------------------------------------------------+
```

not used in calc

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 3101101 SERVICE ADDRESS
CUSTOMER NAME 490 JARVIS DR #5
VENTURE CORPOR

	SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
OWNER NAME/ADD	1 DEF IN	1	03/07/95	9502		62 N	28	
VENTURE CORPOR	1 DEF IN	1	02/07/95	9440		55 N	27	
	1 DEF IN	1	01/11/95	9385		381 N	35	
490 JARVI	1 DEF IN	1	12/07/94	9004		522 N	27	
	1 DEF IN	1	11/10/94	8482		742	27	
	1 DEF IN	1	10/14/94	7740		1196	36	
	1 DEF IN	1	09/08/94	6544		1243	29	LTY N
PROPERTY ID	1 DEF IN	1	08/10/94	5301		1528	34	
SOC SECURITY #	1 DEF IN	1	07/07/94	3773		1058	28	
CA DRIVERS LIC	1 DEF IN	1	06/09/94	2715		1032	28	
SERVICE	1 DEF IN	1	05/12/94	1683		1110	36	L DUE
1 DEF IN	1 DEF IN	1	04/06/94	573		340	28	0.00
13 L 1-5	1 DEF IN	1	03/09/94	233		355	28	
14 L 6-10			PRESS ESCAPE TO EXIT DISPLAY					
15 L 11->					9624	391		24.

device control | pf keys | basic config | modes keys | 141 CN 12:55 | 18 COMMAND LINE CAPS | file transfer | HELP | EXIT

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 3101201 SERVICE ADDRESS
CUSTOMER NAME 490 JARVIS DR #6
VENTURE CORPOR

	SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
OWNER NAME/ADD	1 DEF IN	1	03/07/95	14646		0 N	28	
VENTURE CORPOR	1 DEF IN	1	02/07/95	14646		0 N	27	
	1 DEF IN	1	01/11/95	14646		0 N	35	
490 JARVI	1 DEF IN	1	12/07/94	14646		0 N	27	
	1 DEF IN	1	11/10/94	14646		0	27	
	1 DEF IN	1	10/14/94	14646		0	36	
	1 DEF IN	1	09/08/94	14646		0	29	LTY N
PROPERTY ID	1 DEF IN	1	08/10/94	14646		0	34	
SOC SECURITY #	1 DEF IN	1	07/07/94	14646		25	28	
CA DRIVERS LIC	1 DEF IN	1	06/09/94	14621		0	28	
SERVICE	1 DEF IN	1	05/12/94	14621		0	36	L DUE
1 DEF IN	1 DEF IN	1	04/06/94	14621		0	28	0.00
13 L 1-5	1 DEF IN	1	03/09/94	14621		0	28	
14 L 6-10			PRESS ESCAPE TO EXIT DISPLAY					
15 L 11->								0.89

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 3101301 SERVICE ADDRESS
CUSTOMER NAME 490 JARVIS DR #7
VENTURE CORPOR

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1	03/07/95	23477		0 N	28	
1 DEF IN	1	02/07/95	23477		0 N	27	
1 DEF IN	1	01/11/95	23477		0 N	35	
1 DEF IN	1	12/07/94	23477		0 N	27	
1 DEF IN	1	11/10/94	23477		0	27	
1 DEF IN	1	10/14/94	23477		0	36	
1 DEF IN	1	09/08/94	23477		0	29	LTY N
1 DEF IN	1	08/10/94	23477		0	34	
1 DEF IN	1	07/07/94	23477		0	28	
1 DEF IN	1	06/09/94	23477		0	28	
1 DEF IN	1	05/12/94	23477		0	36	L DUE
1 DEF IN	1	04/06/94	23477		0	28	0.00
1 DEF IN	1	03/09/94	23477		0	28	

OWNER NAME/ADD
VENTURE CORPOR
490 JARVI
PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
13 L 1-5
14 L 6-10
15 L 11->

PRESS ESCAPE TO EXIT DISPLAY

0

device control | pf keys | basic config | modes keys | 141 CN 12:56 | 18 LINE CAPS | COMMAND | file transfer | HELP | EXIT

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 3101900 SERVICE ADDRESS
CUSTOMER NAME 490 JARVIS DR-#4A GROUNDS
WILTRON

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1	03/07/95	23520		2 N	28	
1 DEF IN	1	02/07/95	23518		2 N	27	
1 DEF IN	1	01/11/95	23516		12 N	35	
1 DEF IN	1	12/07/94	23504		18 N	27	
1 DEF IN	1	11/10/94	23486	168		27	
1 DEF IN	1	10/14/94	23318	479		36	
1 DEF IN	1	09/08/94	22839	532		29	LTY N
1 DEF IN	1	08/10/94	22307	694		34	APE
1 DEF IN	1	07/07/94	21613	387		28	
1 DEF IN	1	06/09/94	21226	249		28	
1 DEF IN	1	05/12/94	20977	235		36	L DUE
1 DEF IN	1	04/06/94	20742	119		28	10.15
1 DEF IN	1	03/09/94	20623	28		28	

OWNER NAME/ADD
WILTRON
490 JARVI
PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
13 L 1-5
14 L 6-10
15 L 11->

PRESS ESCAPE TO EXIT DISPLAY

2925 391 7.481

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 3102000 SERVICE ADDRESS
CUSTOMER NAME 490 JARVIS DR BLDG #B
WILTRON

OWNER NAME/ADD
WILTRON

490 JARVI

PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
7 C 1-5
8 C 6-10
9 C 11->

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1	03/07/95	35059	506	N	28	
1 DEF IN	1	02/07/95	34553	448	N	27	
1 DEF IN	1	01/11/95	34105	365	N	35	
1 DEF IN	1	12/07/94	33740	319	N	27	
1 DEF IN	1	11/10/94	33421	302		27	
1 DEF IN	1	10/14/94	33119	367		36	
1 DEF IN	1	09/08/94	32752	317		29	LTY 1.
1 DEF IN	1	08/10/94	32435	272		34	APE
1 DEF IN	1	07/07/94	32163	292		28	
1 DEF IN	1	06/09/94	31871	313		28	
1 DEF IN	1	05/12/94	31558	326		36	L DUE
1 DEF IN	1	04/06/94	31232	196		28	67.70
1 DEF IN	1	03/09/94	31036	170		28	

PRESS ESCAPE TO EXIT DISPLAY 4193 391

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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0104702              SERVICE ADDRESS
 CUSTOMER NAME                         16840    JOLEEN WY                  #B
 GLASS-TEK INDU+-------------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY    |
 OWNER NAME/ADD|   1 DEF IN     1 03/06/95       6185          16 N     28   |
 GLASS-TEK INDU|   1 DEF IN     1 02/06/95       6169          24 N     28   |
               |   1 DEF IN     1 01/09/95       6145          13 N     35   |
 16840    JOLEE|   1 DEF IN     1 12/05/94       6132          12 N     27   |
               |   1 DEF IN     1 11/08/94       6120          14       28   |
               |   1 DEF IN     1 10/11/94       6106          15       35   |
               |   1 DEF IN     1 09/06/94       6091          10       29   | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/08/94       6081          13       33   |
 SOC SECURITY # |  1 DEF IN     1 07/06/94       6068          13       29   |
 CA DRIVERS LIC |  1 DEF IN     1 06/07/94       6055          69       28   |
 SERVICE       |   1 DEF IN     1 05/10/94       5986         206       36   | L DUE
   1 DEF IN    |   1 DEF IN     1 04/04/94       5780         102       28   | 10.70
   7 C  1-5    |   1 DEF IN     1 03/07/94       5678          72       28   |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      579      392   | 1.47
   9 C 11->    |                                                             |
               +-------------------------------------------------------------+

 device     pf      basic     modes  22    18  COMMAND   file      HELP     EXIT
control     keys    config    keys     CN       LINE    transfer
                                       12:38    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0104802              SERVICE ADDRESS
 CUSTOMER NAME                         16860    JOLEEN WY
 PARKER        +-------------------------------------------------------------+
 DOROTHY       | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY    |
 OWNER NAME/ADD|   1 DEF IN     1 03/06/95       2099           8 N     28   |
 PARKER        |   1 DEF IN     1 02/06/95       2091           8 N     28   |
 DOROTHY       |   1 DEF IN     1 01/09/95       2083           5 N     35   |
 16860    JOLEE|   1 DEF IN     1 12/05/94       2078           4 N     27   |
               |   1 DEF IN     1 11/08/94       2074           9       28   |
               |   1 DEF IN     1 10/11/94       2065           9       35   |
               |   1 DEF IN     1 09/06/94       2056           4       29   | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/08/94       2052          22       33   | APE
 SOC SECURITY # |  1 DEF IN     1 07/06/94       2030          11       29   |
 CA DRIVERS LIC |  1 DEF IN     1 06/07/94       2019           8       28   |
 SERVICE       |   1 DEF IN     1 05/10/94       2011           9       36   | L DUE
   1 DEF IN    |   1 DEF IN     1 04/04/94       2002           3       28   | 58.10
   7 C  1-5    |   1 DEF IN     1 03/07/94       1999           5       28   |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      105      392   | 0.268
   9 C 11->    |                                                             |
               +-------------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0105500              SERVICE ADDRESS
 CUSTOMER NAME                         16870    JOLEEN WY
 MORGAN HILL WA+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING     USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/06/95       2607          26 N     28 |
 MORGAN HILL WA|   1 DEF IN     1 02/06/95       2581          18 N     28 |
               |   1 DEF IN     1 01/09/95       2563          20 N     35 |
 16870    JOLEE|   1 DEF IN     1 12/05/94       2543          18 N     27 |
               |   1 DEF IN     1 11/08/94       2525          28       28 |
               |   1 DEF IN     1 10/11/94       2497          30       35 |
               |   1 DEF IN     1 09/06/94       2467          19       29 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/08/94       2448          45       33 | APE
 SOC SECURITY # |  1 DEF IN     1 07/06/94       2403          30       29 |
 CA DRIVERS LIC |  1 DEF IN     1 06/07/94       2373          31       28 |
 SERVICE       |   1 DEF IN     1 05/10/94       2342          31       36 | L DUF
   1 DEF IN    |   1 DEF IN     1 04/04/94       2311          31       28 | 40.8
   7 C  1-5    |   1 DEF IN     1 03/07/94       2280          24       28 |
   8 C 6-10    |              PRESS ESCAPE TO EXIT DISPLAY                  |
   9 C 11->    |                                                 351   392 | 0.89
               +-------------------------------------------------------+

 device      pf      basic      modes  22    18  COMMAND   file      HELP      EXIT
control     keys     config     keys      CN        LINE    transfer
                                          12:39     CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0106300              SERVICE ADDRESS
 CUSTOMER NAME                         16840    JOLEEN WY                  #E
 BURT DEVELOPME+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING     USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/06/95      11319         102 N     28 |
 BURT DEVELOPME|   1 DEF IN     1 02/06/95      11217          99 N     28 |
               |   1 DEF IN     1 01/09/95      11118         124 N     35 |
 16840    JOLEE|   1 DEF IN     1 12/05/94      10994         109 N     27 |
               |   1 DEF IN     1 11/08/94      10885          93       28 |
               |   1 DEF IN     1 10/11/94      10792          92       35 |
               |   1 DEF IN     1 09/06/94      10700          70       29 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/08/94      10630          78       33 | APE
 SOC SECURITY # |  1 DEF IN     1 07/06/94      10552         129       29 |
 CA DRIVERS LIC |  1 DEF IN     1 06/07/94      10423         128       28 |
 SERVICE       |   1 DEF IN     1 05/10/94      10295          76       36 | L DUE
   1 DEF IN    |   1 DEF IN     1 04/04/94      10219          71       28 | 19.20
   7 C  1-5    |   1 DEF IN     1 03/07/94      10148          60       28 |
   8 C 6-10    |              PRESS ESCAPE TO EXIT DISPLAY                  |
   9 C 11->    |                                                1231   392 | 3.14
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0106400              SERVICE ADDRESS
 CUSTOMER NAME                         16880    JOLEEN WY
 COUCH          +-------------------------------------------------------+
 WAYNE ET AL    | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD |   1 DEF IN     1 03/06/95       5491          14 N     28 |
 COUCH          |   1 DEF IN     1 02/06/95       5477          24 N     28 |
 WAYNE ET AL    |   1 DEF IN     1 01/09/95       5453          45 N     35 |
 16880    JOLEE |   1 DEF IN     1 12/05/94       5408          26 N     27 |
                |   1 DEF IN     1 11/08/94       5382          22       28 |
                |   1 DEF IN     1 10/11/94       5360          22       35 |
                |   1 DEF IN     1 09/06/94       5338          20       29 | LTY N
 PROPERTY ID    |   1 DEF IN     1 08/08/94       5318          39       33 | APE
 SOC SECURITY # |   1 DEF IN     1 07/06/94       5279          35       29 |
 CA DRIVERS LIC |   1 DEF IN     1 06/07/94       5244          24       28 |
 SERVICE        |   1 DEF IN     1 05/10/94       5220          35       36 | L DUE
   1 DEF IN     |   1 DEF IN     1 04/04/94       5185          35       28 | 92.60
   7 C  1-5     |   1 DEF IN     1 03/07/94       5150          35       28 |
   8 C 6-10     |            PRESS ESCAPE TO EXIT DISPLAY                    |
   9 C 11->     |                                                            |
                +-------------------------------------------------------+

 device      pf      basic      modes  22     18  COMMAND   file      HELP      EXIT
control     keys    config      keys      CN        LINE    transfer
                                          12:40     CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0108702              SERVICE ADDRESS
 CUSTOMER NAME                         16840    JOLEEN WY BLDG A
 MORGAN HILL SU+-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/06/95         80            1 N     28 |
 MORGAN HILL, S|   1 DEF IN     1 02/06/95         79            1 N     28 |
               |   1 DEF IN     1 01/09/95         78            1 N     35 |
 16840    JOLEE|   1 DEF IN     1 12/05/94         77            4 N     27 |
               |   1 DEF IN     1 11/08/94         73            2       28 |
               |   1 DEF IN     1 10/11/94         71            0       26 |
               |   1 DEF IN     1 09/15/94         71            0 N      0 | LTY N
 PROPERTY ID   |   1 DEF IN     1 09/15/94         71            0 N      0 |
 SOC SECURITY # |                                                    9   172 |
 CA DRIVERS LIC |                                                            |
 SERVICE        |                                                            | L DUE
   1 DEF IN     |                                                            | 11.60
   7 C  1-5     |                                                            |
   8 C 6-10     |            PRESS ESCAPE TO EXIT DISPLAY                    |
   9 C 11->     |                                                            |
                +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2502100              SERVICE ADDRESS
 CUSTOMER NAME                         15825    CONCORD CR-LANDSCAPE
 SNAP-ON-TOOLS +-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 01/26/95       8389            0 N    15 |
 SNAP-ON-TOOLS |   1 DEF IN    1 01/11/95       8389            0 N    36 |
               |   1 DEF IN    1 12/06/94       8389            0 N    25 |
 15825    CONCO|   1 DEF IN    1 11/11/94       8389           34      29 |
               |   1 DEF IN    1 10/13/94       8355           80      36 |
               |   1 DEF IN    1 09/07/94       8275           60      27 |
               |   1 DEF IN    1 08/11/94       8215           81      34 | LTY N
 PROPERTY ID   |   1 DEF IN    1 07/08/94       8134           63      28 | APE
 SOC SECURITY #|   1 DEF IN    1 06/10/94       8071           21      30 |
 CA DRIVERS LIC|   1 DEF IN    1 05/11/94       8050           23      34 |
 SERVICE       |   1 DEF IN    1 04/07/94       8027           21      28 | L DUE
   1 DEF IN    |   1 DEF IN    1 03/10/94       8006            9      28 |  0.0
  13 L 1-5     |   1 DEF IN    1 02/10/94       7997            0      28 |
  14 L 6-10    |             PRESS ESCAPE TO EXIT DISPLAY      392     378 |
  15 L 11->    |                                                          |
               +-------------------------------------------------------+

 device      pf      basic      modes  22     18  COMMAND   file      HELP      EXIT
control      keys    config     keys     CN        LINE    transfer
                                         12:41     CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2502400              SERVICE ADDRESS
 CUSTOMER NAME                         15825    CONCORD CR-BLDG
 SNAP-ON-TOOLS +-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 01/26/95       1780           13 N    15 |
 SNAP-ON-TOOLS |   1 DEF IN    1 01/11/95       1767           32 N    36 |
               |   1 DEF IN    1 12/06/94       1735           25 N    25 |
 15825    CONCO|   1 DEF IN    1 11/11/94       1710           24      29 |
               |   1 DEF IN    1 10/13/94       1686           26      36 |
               |   1 DEF IN    1 09/07/94       1660           18      27 |
               |   1 DEF IN    1 08/11/94       1642           21      34 | LTY N
 PROPERTY ID   |   1 DEF IN    1 07/08/94       1621           16      28 | APE
 SOC SECURITY #|   1 DEF IN    1 06/10/94       1605           18      30 |
 CA DRIVERS LIC|   1 DEF IN    1 05/11/94       1587           22      34 |
 SERVICE       |   1 DEF IN    1 04/07/94       1565           17      28 | L DUE
   1 DEF IN    |   1 DEF IN    1 03/10/94       1548           24      28 |  0.00
   7 C  1-5    |   1 DEF IN    1 02/10/94       1524           21      28 |
   8 C 6-10    |             PRESS ESCAPE TO EXIT DISPLAY      277     378 |
   9 C 11->    |                                                          |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2502501              SERVICE ADDRESS
 CUSTOMER NAME                         15555    CONCORD CR
 GOLDSMITH & LA+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/16/95       25283          161 N      9 |
 GOLDSMITH & LA|   1 DEF IN     1 02/07/95       25122            0 N     27 |
               |   1 DEF IN     1 01/11/95       25122            0 N     36 |
 15555    CONCO|   1 DEF IN     1 12/06/94       25122           15 N     25 |
               |   1 DEF IN     1 11/11/94       25107          142        29 |
               |   1 DEF IN     1 10/13/94       24965          176        36 |
 ERNIE HUGHES  |   1 DEF IN     1 09/07/94       24789          131        27 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/11/94       24658          162        34 |
 SOC SECURITY # |   1 DEF IN     1 07/08/94       24496          131        28 |
 CA DRIVERS LIC|   1 DEF IN     1 06/10/94       24365          257        30 |
 SERVICE       |   1 DEF IN     1 05/11/94       24108          111        34 | L DUE
   1 DEF IN    |   1 DEF IN     1 04/07/94       23997           69        20 | 38.79
   7 C  1-5    |   1 DEF IN     1 03/18/94       23928            0 N      0 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY          1355      335 |
   9 C 11->    |                                                              |
               +--------------------------------------------------------------+

 device     pf      basic     modes  22    18  COMMAND   file      HELP     EXIT
control    keys    config    keys     CN       LINE   transfer
                                      12:42    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2502601              SERVICE ADDRESS
 CUSTOMER NAME                         15900    CONCORD CR
 PRODUCTS PLUS +-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/06/95        4179           10 N     27 |
 PRODUCTS PLUS |   1 DEF IN     1 02/07/95        4169           10 N     27 |
               |   1 DEF IN     1 01/11/95        4159           14 N     36 |
 15900    CONCO|   1 DEF IN     1 12/06/94        4145            5 N     25 |
               |   1 DEF IN     1 11/11/94        4140           12        29 |
               |   1 DEF IN     1 10/13/94        4128           14        36 |
               |   1 DEF IN     1 09/07/94        4114           13        27 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/11/94        4101           14        34 |
 SOC SECURITY # |   1 DEF IN     1 07/08/94        4087           11        28 |
 CA DRIVERS LIC|   1 DEF IN     1 06/10/94        4076           12        30 |
 SERVICE       |   1 DEF IN     1 05/11/94        4064           15        34 | L DUE
   1 DEF IN    |   1 DEF IN     1 04/07/94        4049           14        28 | 73.00
   3 IN  1-5   |   1 DEF IN     1 03/10/94        4035           11        28 |
   4 IN 6-10   |            PRESS ESCAPE TO EXIT DISPLAY          155       389 |
   5 I 11-30   |                                                              |
               +--------------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2502702              SERVICE ADDRESS
 CUSTOMER NAME                         15875    CONCORD CR
 ULTRA PHASE PR+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 03/06/95      1578          8 N     27 |
 ULTRA PHASE PR|   1 DEF IN    1 02/07/95      1570          9 N     27 |
               |   1 DEF IN    1 01/11/95      1561          8 N     36 |
 15875    CONCO|   1 DEF IN    1 12/06/94      1553          6 N     25 |
               |   1 DEF IN    1 11/11/94      1547          8       29 |
               |   1 DEF IN    1 10/13/94      1539         10       36 |
               |   1 DEF IN    1 09/07/94      1529          7       27 | LTY N
 PROPERTY ID   |   1 DEF IN    1 08/11/94      1522          8       34 | APE
 SOC SECURITY #|   1 DEF IN    1 07/08/94      1514          7       28 |
 CA DRIVERS LIC|   1 DEF IN    1 06/10/94      1507          8       30 |
 SERVICE       |   1 DEF IN    1 05/11/94      1499          9       34 | L DU
   1 DEF IN    |   1 DEF IN    1 04/07/94      1490          7       28 | 54.7
   7 C  1-5    |   1 DEF IN    1 03/10/94      1483          5       28 |
   8 C 6-10    |             PRESS ESCAPE TO EXIT DISPLAY    100     389 |
   9 C 11->    |                                                        |
               +-------------------------------------------------------+

 device     pf      basic     modes  22    18  COMMAND   file      HELP      EXIT
control     keys    config    keys     CN       LINE    transfer
                                       12:42    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2502800              SERVICE ADDRESS
 CUSTOMER NAME                         15005    CONCORD CR
 REDLAKE CAMERA+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 03/06/95      15562        52 N     27 |
 REDLAKE CAMERA|   1 DEF IN    1 02/07/95      15510         5 N     27 |
               |   1 DEF IN    1 01/11/95      15505        12 N     36 |
 15005    CONCO|   1 DEF IN    1 12/06/94      15493         6 N     25 |
               |   1 DEF IN    1 11/11/94      15487        40       29 |
               |   1 DEF IN    1 10/13/94      15447       123       36 |
               |   1 DEF IN    1 09/07/94      15324       127       27 | LTY N
 PROPERTY ID   |   1 DEF IN    1 08/11/94      15197       193       34 |
 SOC SECURITY #|   1 DEF IN    1 07/08/94      15004       141       28 |
 CA DRIVERS LIC|   1 DEF IN    1 06/10/94      14863        87       30 |
 SERVICE       |   1 DEF IN    1 05/11/94      14776        88       34 | L DUE
   1 DEF IN    |   1 DEF IN    1 04/07/94      14688        68       28 | 91.73
   7 C  1-5    |   1 DEF IN    1 03/10/94      14620        27       28 |
   8 C 6-10    |             PRESS ESCAPE TO EXIT DISPLAY    767     387 |
   9 C 11->    |                                                        |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2502901              SERVICE ADDRESS
 CUSTOMER NAME                         15600    CONCORD CR-BLDG
 MH UNIFIED SCH+-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 03/06/95       2816          16 N     27 |
 MH UNIFIED SCH|   1 DEF IN    1 02/07/95       2800          17 N     27 |
               |   1 DEF IN    1 01/11/95       2783          17 N     36 |
 15600    CONCO|   1 DEF IN    1 12/06/94       2766          13 N     25 |
               |   1 DEF IN    1 11/11/94       2753          17       29 |
               |   1 DEF IN    1 10/13/94       2736          23       36 |
               |   1 DEF IN    1 09/07/94       2713          17       27 | LTY N
 PROPERTY ID   |   1 DEF IN    1 08/11/94       2696          16       34 |
 SOC SECURITY # |  1 DEF IN    1 07/08/94       2680          17       28 |
 CA DRIVERS LIC |  1 DEF IN    1 06/10/94       2663          18       30 |
 SERVICE       |   1 DEF IN    1 05/11/94       2645          22       34 | L DUE
   1 DEF IN    |   1 DEF IN    1 04/07/94       2623          15       28 | 84.10
   7 C  1-5    |   1 DEF IN    1 03/10/94       2608          16       28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      224      389 |
   9 C 11->    |                                                           |
               +-------------------------------------------------------+

 device     pf      basic     modes  22    18  COMMAND   file     HELP     EXIT
control    keys    config     keys     CN       LINE   transfer
                                       12:43    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2503101              SERVICE ADDRESS
 CUSTOMER NAME                         15875    CONCORD CR-GROUNDS
 LAWRENCE      +-------------------------------------------------------+
 TONY          | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 03/06/95       7781           0 N     27 |
 LAWRENCE      |   1 DEF IN    1 02/07/95       7781           0 N     27 |
 TONY          |   1 DEF IN    1 01/11/95       7781           0 N     36 |
 15875    CONCO|   1 DEF IN    1 12/06/94       7781           0 N     25 |
               |   1 DEF IN    1 11/11/94       7781          85       29 |
               |   1 DEF IN    1 10/13/94       7696          85       36 |
               |   1 DEF IN    1 09/07/94       7611          51       27 | LTY N
 PROPERTY ID   |   1 DEF IN    1 08/11/94       7560          58       34 | APE
 SOC SECURITY # |  1 DEF IN    1 07/08/94       7502          47       28 |
 CA DRIVERS LIC |  1 DEF IN    1 06/10/94       7455          34       30 |
 SERVICE       |   1 DEF IN    1 05/11/94       7421          19       34 | L DUE
   1 DEF IN    |   1 DEF IN    1 04/07/94       7402           1       28 | 35.12
  13 L 1-5     |   1 DEF IN    1 03/10/94       7401           6       28 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      386      389 |
  15 L 11->    |                                                           |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2503200              SERVICE ADDRESS
 CUSTOMER NAME                         15130    CONCORD CR
 SPECIALIZED BI+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/06/95      19326          40 N     27 |
 SPECIALIZED BI|   1 DEF IN     1 02/07/95      19286          36 N     27 |
               |   1 DEF IN     1 01/11/95      19250          48 N     36 |
 15130     CONCO   1 DEF IN     1 12/06/94      19202          42 N     25 |
               |   1 DEF IN     1 11/11/94      19160          47       29 |
               |   1 DEF IN     1 10/13/94      19113          77       36 |
               |   1 DEF IN     1 09/07/94      19036          38       27 | LTY I
 PROPERTY ID   |   1 DEF IN     1 08/11/94      18998          71       34 | APE
 SOC SECURITY #|   1 DEF IN     1 07/08/94      18927          44       28 |
 CA DRIVERS LIC|   1 DEF IN     1 06/10/94      18883          49       30 |
 SERVICE       |   1 DEF IN     1 05/11/94      18834          68       34 | L DUE
   1 DEF IN    |   1 DEF IN     1 04/07/94      18766          47       28 | 44.2
   7 C  1-5    |   1 DEF IN     1 03/10/94      18719          48       28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY       655      389 |
   9 C 11->    |                                                           |
               +-------------------------------------------------------+

 device      pf      basic      modes  22     18  COMMAND   file      HELP      EXIT
control      keys    config     keys       CN        LINE    transfer
                                           12:43     CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2503403              SERVICE ADDRESS
 CUSTOMER NAME                         15750    CONCORD CR
 SPECIALIZED BI+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/06/95      19954          43 N     27 |
 SPECIALIZED BI|   1 DEF IN     1 02/07/95      19911          90 N     27 |
               |   1 DEF IN     1 01/11/95      19821         171 N     36 |
 15750     CONCO   1 DEF IN     1 12/06/94      19650         102 N     25 |
               |   1 DEF IN     1 11/11/94      19548         145       29 |
               |   1 DEF IN     1 10/13/94      19403         347       36 |
               |   1 DEF IN     1 09/07/94      19056         122 Y     27 | LTY I
 PROPERTY ID   |   1 DEF IN     1 08/11/94      18934         122 Y     34 |
 SOC SECURITY #|   1 DEF IN     1 07/08/94      18812         127       28 |
 CA DRIVERS LIC|   1 DEF IN     1 06/10/94      18685         107       30 |
 SERVICE       |   1 DEF IN     1 05/11/94      18578         132       34 | L DUE
   1 DEF IN    |   1 DEF IN     1 04/07/94      18446          42       28 | 52.20
   7 C  1-5    |   1 DEF IN     1 03/10/94      18404          64       28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY       1614     389 |
   9 C 11->    |                                                           |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2503500              SERVICE ADDRESS
 CUSTOMER NAME                         15130    CONCORD CR
 SPECIALIZED BI+-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/06/95      11686          9 N     27 |
 SPECIALIZED BI|   1 DEF IN     1 02/07/95      11677        112 N     27 |
               |   1 DEF IN     1 01/11/95      11565        217 N     36 |
 15130    CONCO|   1 DEF IN     1 12/06/94      11348        147 N     25 |
               |   1 DEF IN     1 11/11/94      11201        176       29 |
               |   1 DEF IN     1 10/13/94      11025        222       36 |
               |   1 DEF IN     1 09/07/94      10803        165       27 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/11/94      10638        260       34 | APE
 SOC SECURITY #|   1 DEF IN     1 07/08/94      10378        220       28 |
 CA DRIVERS LIC|   1 DEF IN     1 06/10/94      10158        203       30 |
 SERVICE       |   1 DEF IN     1 05/11/94       9955        223       34 | L DUE
   1 DEF IN    |   1 DEF IN     1 04/07/94       9732         66       28 | 22.10
  13 L 1-5     |   1 DEF IN     1 03/10/94       9666          0       28 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      2020      389 |
  15 L 11->    |                                                           |
               +-------------------------------------------------------+

 device     pf      basic     modes  22    18  COMMAND   file     HELP     EXIT
control    keys    config     keys     CN       LINE   transfer
                                       12:44    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2503503              SERVICE ADDRESS
 CUSTOMER NAME                         15500    CONCORD CR-LANDSCAPE
 MELVIN C. DILL+-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/06/95       9785          5 N     27 |
 MELVIN C. DILL|   1 DEF IN     1 02/07/95       9780          0 N     27 |
               |   1 DEF IN     1 01/11/95       9780         18 N     36 |
 15500    CONCO|   1 DEF IN     1 12/06/94       9762         41 N     25 |
               |   1 DEF IN     1 11/11/94       9721         38       29 |
               |   1 DEF IN     1 10/13/94       9683         96       36 |
               |   1 DEF IN     1 09/07/94       9587         75       27 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/11/94       9512         86       34 | APE
 SOC SECURITY #|   1 DEF IN     1 07/08/94       9426         70       28 |
 CA DRIVERS LIC|   1 DEF IN     1 06/10/94       9356         69       30 |
 SERVICE       |   1 DEF IN     1 05/11/94       9287         49       34 | L DUE
   1 DEF IN    |   1 DEF IN     1 04/07/94       9238         40       28 | 18.10
  13 L 1-5     |   1 DEF IN     1 03/10/94       9198          7       28 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY       594      389 |
  15 L 11->    |                                                           |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2503603              SERVICE ADDRESS
 CUSTOMER NAME                         15500    CONCORD CR
 MELVIN C. DILL+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 03/06/95       5358          22 N     27 |
 MELVIN C. DILL|   1 DEF IN    1 02/07/95       5336          41 N     27 |
               |   1 DEF IN    1 01/11/95       5295          18 N     36 |
 15500    CONCO|   1 DEF IN    1 12/06/94       5277          14 N     25 |
               |   1 DEF IN    1 11/11/94       5263          21       29 |
               |   1 DEF IN    1 10/13/94       5242          26       36 |
               |   1 DEF IN    1 09/07/94       5216          19       27 | LTY I
 PROPERTY ID   |   1 DEF IN    1 08/11/94       5197          24       34 | APE
 SOC SECURITY #|   1 DEF IN    1 07/08/94       5173          18       28 |
 CA DRIVERS LIC|   1 DEF IN    1 06/10/94       5155          17       30 |
 SERVICE       |   1 DEF IN    1 05/11/94       5138          28       34 | L DU
   1 DEF IN    |   1 DEF IN    1 04/07/94       5110          22       28 | 36.7
   7 C  1-5    |   1 DEF IN    1 03/10/94       5088          17       28 |
   8 C 6-10    |             PRESS ESCAPE TO EXIT DISPLAY      287      389 |
   9 C 11->    |                                                           |
               +-------------------------------------------------------+

 device      pf      basic     modes  22    18  COMMAND   file      HELP      EXIT
control      keys    config    keys     CN       LINE    transfer
                                        12:44    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2503800              SERVICE ADDRESS
 CUSTOMER NAME                         15940    CONCORD CR
 MELVIN C DILL +-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 03/06/95       2188          19 N     27 |
 MELVIN C DILL |   1 DEF IN    1 02/07/95       2169          14 N     27 |
               |   1 DEF IN    1 01/11/95       2155          15 N     36 |
 15940    CONCO|   1 DEF IN    1 12/06/94       2140          10 N     25 |
               |   1 DEF IN    1 11/11/94       2130          14       29 |
               |   1 DEF IN    1 10/13/94       2116          37       36 |
               |   1 DEF IN    1 09/07/94       2079          14       27 | LTY N
 PROPERTY ID   |   1 DEF IN    1 08/11/94       2065          19       34 | APE
 SOC SECURITY #|   1 DEF IN    1 07/08/94       2046          11       28 |
 CA DRIVERS LIC|   1 DEF IN    1 06/10/94       2035          15       30 |
 SERVICE       |   1 DEF IN    1 05/11/94       2020          20       34 | L DUE
   1 DEF IN    |   1 DEF IN    1 04/07/94       2000          18       28 | 19.94
   7 C  1-5    |   1 DEF IN    1 03/10/94       1982          16       28 |
   8 C 6-10    |             PRESS ESCAPE TO EXIT DISPLAY      222      387 |
   9 C 11->    |                                                           |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2503900              SERVICE ADDRESS
 CUSTOMER NAME                         15940    CONCORD CR-LAND
 MELVIN DILL GR+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 03/06/95       8485          1 N     27 |
 MELVIN DILL GR|   1 DEF IN    1 02/07/95       8484          0 N     27 |
               |   1 DEF IN    1 01/11/95       8484          2 N     36 |
 15940    CONCO|   1 DEF IN    1 12/06/94       8482         34 N     25 |
               |   1 DEF IN    1 11/11/94       8448        121       29 |
               |   1 DEF IN    1 10/13/94       8327        150       36 |
               |   1 DEF IN    1 09/07/94       8177        112       27 | LTY N
 PROPERTY ID   |   1 DEF IN    1 08/11/94       8065        136       34 | APE
 SOC SECURITY #|   1 DEF IN    1 07/08/94       7929        117       28 |
 CA DRIVERS LIC|   1 DEF IN    1 06/10/94       7812         75       30 |
 SERVICE       |   1 DEF IN    1 05/11/94       7737         70       34 | L DUE
   1 DEF IN    |   1 DEF IN    1 04/07/94       7667         62       28 | 27.88
  13 L 1-5     |   1 DEF IN    1 03/10/94       7605         61       28 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      441      389 |
  15 L 11->    |                                                         |
               +-------------------------------------------------------+

 device     pf      basic     modes  22    18  COMMAND   file      HELP     EXIT
control    keys    config     keys     CN       LINE   transfer
                                       12:45    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2504001              SERVICE ADDRESS
 CUSTOMER NAME                         15600    CONCORD CR-LANDSCAPE
 ]H UNIFIED SCH+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 03/06/95       7322          0 N     27 |
 ]H UNIFIED SCH|   1 DEF IN    1 02/07/95       7322          0 N     27 |
               |   1 DEF IN    1 01/11/95       7322          0 N     36 |
 15600    CONCO|   1 DEF IN    1 12/06/94       7322          0 N     25 |
               |   1 DEF IN    1 11/11/94       7322         92       29 |
               |   1 DEF IN    1 10/13/94       7230        258       36 |
               |   1 DEF IN    1 09/07/94       6972        194       27 | LTY N
 PROPERTY ID   |   1 DEF IN    1 08/11/94       6778        184       34 |
 SOC SECURITY #|   1 DEF IN    1 07/08/94       6594        127       28 |
 CA DRIVERS LIC|   1 DEF IN    1 06/10/94       6467        147       30 |
 SERVICE       |   1 DEF IN    1 05/11/94       6320        161       34 | L DUE
   1 DEF IN    |   1 DEF IN    1 04/07/94       6159         96       28 | 13.10
  13 L 1-5     |   1 DEF IN    1 03/10/94       6063          0       28 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      1259     385 |
  15 L 11->    |                                                         |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2504301              SERVICE ADDRESS
 CUSTOMER NAME                         15555    CONCORD CR
 GOLDSMITH & LA+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 02/16/95       1460          15 N     9 |
 GOLDSMITH & LA|   1 DEF IN    1 02/07/95       1445          45 N    27 |
               |   1 DEF IN    1 01/11/95       1400          59 N    36 |
 15555    CONCO|   1 DEF IN    1 12/06/94       1341          36 N    25 |
               |   1 DEF IN    1 11/11/94       1305           1      29 |
               |   1 DEF IN    1 10/13/94       1304           0      36 |
 ERNIE HUGHES  |   1 DEF IN    1 09/07/94       1304           1      27 | LTY I
 PROPERTY ID   |   1 DEF IN    1 08/11/94       1303           0      34 |
 SOC SECURITY # |   1 DEF IN    1 07/08/94       1303           0      28 |
 CA DRIVERS LIC|   1 DEF IN    1 06/10/94       1303          12      30 |
 SERVICE       |   1 DEF IN    1 05/11/94       1291           2      34 | L DU
   1 DEF IN    |   1 DEF IN    1 04/07/94       1289           2      20 | 09.7
   7 C  1-5    |   1 DEF IN    1 03/18/94       1287           0 N     0 |
   8 C 6-10    |             PRESS ESCAPE TO EXIT DISPLAY      123    335 |
   9 C 11->    |                                                         |
               +-------------------------------------------------------+

 device     pf     basic     modes  22    18  COMMAND   file     HELP     EXIT
control    keys    config    keys      CN       LINE   transfer
                                       12:46    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2504401              SERVICE ADDRESS
 CUSTOMER NAME                         15555    CONCORD CR
 GOLDSMITH & LA+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 02/16/95      14420           0 N     9 |
 GOLDSMITH & LA|   1 DEF IN    1 02/07/95      14420          50 N    27 |
               |   1 DEF IN    1 01/11/95      14370           1 N    36 |
 15555    CONCO|   1 DEF IN    1 12/06/94      14369          63 N    25 |
               |   1 DEF IN    1 11/11/94      14306         373      29 |
               |   1 DEF IN    1 10/13/94      13933         448      36 |
               |   1 DEF IN    1 09/07/94      13485         333      27 | LTY N
 PROPERTY ID   |   1 DEF IN    1 08/11/94      13152         415      34 |
 SOC SECURITY # |   1 DEF IN    1 07/08/94      12737         285      28 |
 CA DRIVERS LIC|   1 DEF IN    1 06/10/94      12452           0      30 |
 SERVICE       |   1 DEF IN    1 05/11/94      12452           0      34 | L DUE
   1 DEF IN    |   1 DEF IN    1 04/07/94      12452           0      20 | 56.55
   7 C  1-5    |   1 DEF IN    1 03/18/94      12452           0 N     0 |
   8 C 6-10    |             PRESS ESCAPE TO EXIT DISPLAY     1968    335 |
   9 C 11->    |                                                         |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2504700              SERVICE ADDRESS
 CUSTOMER NAME                         15920    CONCORD CR
 F.E.T. TEST    +-------------------------------------------------------+
                | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD |   1 DEF IN     1 03/06/95        577          20 N     27 |
 F.E.T. TEST    |   1 DEF IN     1 02/07/95        557          12 N     27 |
                |   1 DEF IN     1 01/11/95        545           8 N     36 |
 15920    CONCO |   1 DEF IN     1 12/06/94        537           6 N     25 |
                |   1 DEF IN     1 11/11/94        531          14        29 |
                |   1 DEF IN     1 10/13/94        517          13        36 |
                |   1 DEF IN     1 09/07/94        504           6        27 | LTY N
 PROPERTY ID    |   1 DEF IN     1 08/11/94        498           9        34 | APE
 SOC SECURITY # |   1 DEF IN     1 07/08/94        489           4        28 |
 CA DRIVERS LIC |   1 DEF IN     1 06/10/94        485           5        30 |
 SERVICE        |   1 DEF IN     1 05/11/94        480           7        34 | L DUE
   1 DEF IN     |   1 DEF IN     1 04/07/94        473           6        28 | 37.55
   7 C  1-5     |   1 DEF IN     1 03/10/94        467           5        28 |
   8 C 6-10     |            PRESS ESCAPE TO EXIT DISPLAY      115       389 |
   9 C 11->     |                                                           |
                +-------------------------------------------------------+

 device     pf     basic     modes  22    18  COMMAND   file     HELP     EXIT
control    keys   config     keys     CN       LINE   transfer
                                     12:46    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  2504800              SERVICE ADDRESS
 CUSTOMER NAME                         15920    CONCORD CR-LAND
 F.E.T. TEST    +-------------------------------------------------------+
                | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD |   1 DEF IN     1 03/06/95       6227           0 N     27 |
 F.E.T. TEST    |   1 DEF IN     1 02/07/95       6227           0 N     27 |
                |   1 DEF IN     1 01/11/95       6227           0 N     36 |
 15920    CONCO |   1 DEF IN     1 12/06/94       6227           0 N     25 |
                |   1 DEF IN     1 11/11/94       6227          77        29 |
                |   1 DEF IN     1 10/13/94       6150         152        36 |
                |   1 DEF IN     1 09/07/94       5998         124        27 | LTY N
 PROPERTY ID    |   1 DEF IN     1 08/11/94       5874         156        34 | APE
 SOC SECURITY # |   1 DEF IN     1 07/08/94       5718         128        28 |
 CA DRIVERS LIC |   1 DEF IN     1 06/10/94       5590         137        30 |
 SERVICE        |   1 DEF IN     1 05/11/94       5453         156        34 | L DUE
   1 DEF IN     |   1 DEF IN     1 04/07/94       5297          69        28 | 8.15
  13 L 1-5      |   1 DEF IN     1 03/10/94       5228           0        28 |
  14 L 6-10     |            PRESS ESCAPE TO EXIT DISPLAY      999       389 |
  15 L 11->     |                                                           |
                +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 2506000 SERVICE ADDRESS
CUSTOMER NAME 15105 CONCORD CR-BLDG
SEAGULL INDUST

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1	03/06/95	441		12 N	27	
1 DEF IN	1	02/07/95	429		12 N	27	
1 DEF IN	1	01/11/95	417		12 N	36	
1 DEF IN	1	12/06/94	405		8 N	25	
1 DEF IN	1	11/11/94	397		10	29	
1 DEF IN	1	10/13/94	387		13	36	
1 DEF IN	1	09/07/94	374		8	27	LTY I
1 DEF IN	1	08/11/94	366		14	34	APE
1 DEF IN	1	07/08/94	352		10	28	
1 DEF IN	1	06/10/94	342		12	30	
1 DEF IN	1	05/11/94	330		14	34	L DU
1 DEF IN	1	04/07/94	316		13	28	59.7
1 DEF IN	1	03/10/94	303		13	28	
					151	389	

OWNER NAME/ADD
SEAGULL INDUST

15105 CONCO

PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
7 C 1-5
8 C 6-10
9 C 11->

PRESS ESCAPE TO EXIT DISPLAY

device control pf keys basic config modes keys 22 CN 12:47 18 COMMAND LINE CAPS file transfer HELP EXIT

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 2506100 SERVICE ADDRESS
CUSTOMER NAME 15105 CONCORD CR-LAND
SEAGULL INDUST

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1	03/06/95	2857		2 N	27	
1 DEF IN	1	02/07/95	2855		0 N	27	
1 DEF IN	1	01/11/95	2855		3 N	36	
1 DEF IN	1	12/06/94	2852		2 N	25	
1 DEF IN	1	11/11/94	2850		43	29	
1 DEF IN	1	10/13/94	2807		57	36	
1 DEF IN	1	09/07/94	2750		61	27	LTY I
1 DEF IN	1	08/11/94	2689		57	34	APE
1 DEF IN	1	07/08/94	2632		54	28	
1 DEF IN	1	06/10/94	2578		45	30	
1 DEF IN	1	05/11/94	2533		43	34	L DUE
1 DEF IN	1	04/07/94	2490		43	28	10.15
1 DEF IN	1	03/10/94	2447		37	28	
					447	389	

OWNER NAME/ADD
SEAGULL INDUST

15105 CONCO

PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
13 L 1-5
14 L 6-10
15 L 11->

PRESS ESCAPE TO EXIT DISPLAY

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 2506700 SERVICE ADDRESS
CUSTOMER NAME 15900 CONCORD CR-LANDSCAPE
PRODUCTS PLUS

OWNER NAME/ADD
PRODUCTS PLUS

15900 CONCO
MORGAN HILL, C
95037
C/O WCC BLDG
PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
13 L 1-5
14 L 6-10
15 L 11->

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
1 DEF IN	1	03/06/95	1312		80 N	27	
1 DEF IN	1	02/07/95	1232		0 N	27	
1 DEF IN	1	01/11/95	1232		0 N	36	
1 DEF IN	1	12/06/94	1232		19 N	25	
1 DEF IN	1	11/11/94	1213		142	29	
1 DEF IN	1	10/13/94	1071		132	36	
1 DEF IN	1	09/07/94	939		123	27	LTY N
1 DEF IN	1	08/11/94	816		123	34	
1 DEF IN	1	07/08/94	693		120	28	
1 DEF IN	1	06/10/94	573		110	30	
1 DEF IN	1	05/11/94	463		115	34	L DUE
1 DEF IN	1	04/07/94	348		66	28	59.15
1 DEF IN	1	03/10/94	282		71	28	

PRESS ESCAPE TO EXIT DISPLAY 1101 389

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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  3102900              SERVICE ADDRESS
 CUSTOMER NAME                         130      COCHRANE PLAZA          D-SHOPS
 KINNEY SHOE #1+-------------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY    |
 OWNER NAME/ADD|   1 DEF IN    1 03/07/95         244          3 N     28    |
 KINNEY SHOE #1|   1 DEF IN    1 02/07/95         241          3 N     27    |
               |   1 DEF IN    1 01/11/95         238          8 N     35    |
 130      COCHR|   1 DEF IN    1 12/07/94         230          4 N     27    |
               |   1 DEF IN    1 11/10/94         226          3       27    |
               |   1 DEF IN    1 10/14/94         223          4       36    |
               |   1 DEF IN    1 09/08/94         219          5       29    | LTY N
 PROPERTY ID   |   1 DEF IN    1 08/10/94         214          5       34    |
 SOC SECURITY #|   1 DEF IN    1 07/07/94         209          3       28    |
 CA DRIVERS LIC|   1 DEF IN    1 06/09/94         206          6       28    |
 SERVICE       |   1 DEF IN    1 05/12/94         200          5       36    | L DUE
   1 DEF IN    |   1 DEF IN    1 04/06/94         195          3       28    | 30.24
   7 C  1-5    |   1 DEF IN    1 03/09/94         192          3       28    |
   8 C 6-10    |             PRESS ESCAPE TO EXIT DISPLAY      55      391    |
   9 C 11->    |                                                             |
               +-------------------------------------------------------------+

 device     pf      basic     modes  22    18  COMMAND   file      HELP      EXIT
control    keys    config     keys     CN       LINE    transfer
                                       13:15    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  3103000              SERVICE ADDRESS
 CUSTOMER NAME                         140      COCHRANE PLAZA          "ROSS"
 ROSS STORES IN+-------------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY    |
 OWNER NAME/ADD|   1 DEF IN    1 03/07/95         614          9 N     28    |
 ROSS STORES IN|   1 DEF IN    1 02/07/95         605          9 N     27    |
               |   1 DEF IN    1 01/11/95         596         14 N     35    |
 140      COCHR|   1 DEF IN    1 12/07/94         582         11 N     27    |
               |   1 DEF IN    1 11/10/94         571         10       27    |
               |   1 DEF IN    1 10/14/94         561         28       36    |
               |   1 DEF IN    1 09/08/94         533         16       29    | LTY N
 PROPERTY ID   |   1 DEF IN    1 08/10/94         517         15       34    | APE
 SOC SECURITY #|   1 DEF IN    1 07/07/94         502         15       28    |
 CA DRIVERS LIC|   1 DEF IN    1 06/09/94         487         11       28    |
 SERVICE       |   1 DEF IN    1 05/12/94         476         13       36    | L DUE
   1 DEF IN    |   1 DEF IN    1 04/06/94         463         11       28    | 52.40
   7 C  1-5    |   1 DEF IN    1 03/09/94         452         20       28    |
   8 C 6-10    |             PRESS ESCAPE TO EXIT DISPLAY      182      391    |
   9 C 11->    |                                                             |
               +-------------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  5404001              SERVICE ADDRESS
 CUSTOMER NAME                         154      COCHRANE RD              BLDG F
 FHS ASSOC MHLP+-------------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY   |
 OWNER NAME/ADD|   1 DEF IN     1 03/07/95        834          13 N     28  |
 FHS ASSOC MHLP|   1 DEF IN     1 02/07/95        821          12 N     25  |
               |   1 DEF IN     1 01/13/95        809           0 N      0  |
 154       COCHR|   1 DEF IN     1 01/13/95        809           0 N      0  |
               |                                                 25      53  |
               |                                                             |LTY N
 PROPERTY ID   |                                                             |
 SOC SECURITY # |                                                            |
 CA DRIVERS LIC |                                                            |
 SERVICE       |                                                             |L DUE
   1 DEF IN    |                                                             |67.00
   7 C  1-5    |                                                             |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                     |
   9 C 11->    |                                                             |
               +-------------------------------------------------------------+

 device      pf      basic      modes  22    18  COMMAND   file      HELP      EXIT
control     keys    config      keys     CN       LINE   transfer
                                        13:15    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  5404000              SERVICE ADDRESS
 CUSTOMER NAME                         154      COCHRANE RD              BLDG F
 PARKLAND PROPE+-------------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY   |
 OWNER NAME/ADD|   1 DEF IN     1 01/13/95        809           6 N     37  |
 PARKLAND PROPE|   1 DEF IN     1 12/07/94        803           4 N     27  |
               |   1 DEF IN     1 11/10/94        799           9       27  |
 154       COCHR|   1 DEF IN     1 10/14/94        790          15       36  |
               |   1 DEF IN     1 09/08/94        775          13       29  |
               |   1 DEF IN     1 08/10/94        762          18       34  |
               |   1 DEF IN     1 07/07/94        744          10       28  |LTY N
 PROPERTY ID   |   1 DEF IN     1 06/09/94        734           7       28  |
 SOC SECURITY # |  1 DEF IN     1 05/12/94        727           9       36  |
 CA DRIVERS LIC |  1 DEF IN     1 04/06/94        718           5       28  |
 SERVICE       |   1 DEF IN     1 03/09/94        713          10       28  |L DUE
   1 DEF IN    |   1 DEF IN     1 02/09/94        703          12       28  | 0.00
   7 C  1-5    |   1 DEF IN     1 01/12/94        691           8      326  |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                 106 |
   9 C 11->    |                                                             |
               +-------------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  5104400              SERVICE ADDRESS
 CUSTOMER NAME                                SUTTER BLVD-FOUNTAIN
 COCHRANE BUS R+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|  1 DEF IN    1 03/07/95       4365          27 N     27 |
 COCHRANE BUS R|  1 DEF IN    1 02/08/95       4338          24 N     28 |
               |  1 DEF IN    1 01/11/95       4314          35 N     35 |
         SUTTE |  1 DEF IN    1 12/07/94       4279          28 N     27 |
               |  1 DEF IN    1 11/10/94       4251          22       27 |
               |  1 DEF IN    1 10/14/94       4229          40       36 |
               |  1 DEF IN    1 09/08/94       4189          66       29 | LTY
 PROPERTY ID   |  1 DEF IN    1 08/10/94       4123          71       34 | APE
 SOC SECURITY #|  1 DEF IN    1 07/07/94       4052          43       28 |
 CA DRIVERS LIC|  1 DEF IN    1 06/09/94       4009          73       28 |
 SERVICE       |  1 DEF IN    1 05/12/94       3936          62       36 | L DU
   1 DEF IN    |  1 DEF IN    1 04/06/94       3874          56       28 | 58.1
  13 L 1-5     |  1 DEF IN    1 03/09/94       3818          78       28 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                  |
  15 L 11->    |                                                          |
               +-------------------------------------------------------+

 device     pf      basic     modes  22    18  COMMAND   file      HELP      EXIT
control    keys    config     keys     CN       LINE   transfer
                                      13:16    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  5104500              SERVICE ADDRESS
 CUSTOMER NAME                                SUTTER BLVD #9-LAND
 COCHRANE BUS R+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|  1 DEF IN    1 03/07/95      13124          17 N     27 |
 COCHRANE BUS R|  1 DEF IN    1 02/08/95      13107           0 N     28 |
               |  1 DEF IN    1 01/11/95      13107           8 N     35 |
         SUTTE |  1 DEF IN    1 12/07/94      13099           7 N     27 |
               |  1 DEF IN    1 11/10/94      13092          73       27 |
               |  1 DEF IN    1 10/14/94      13019         213       36 |
               |  1 DEF IN    1 09/08/94      12806         376       29 | LTY
 PROPERTY ID   |  1 DEF IN    1 08/10/94      12430         421       34 | APE
 SOC SECURITY #|  1 DEF IN    1 07/07/94      12009         234       28 |
 CA DRIVERS LIC|  1 DEF IN    1 06/09/94      11775         184       28 |
 SERVICE       |  1 DEF IN    1 05/12/94      11591         188       36 | L DU
   1 DEF IN    |  1 DEF IN    1 04/06/94      11403          33       28 | 38.1
  13 L 1-5     |  1 DEF IN    1 03/09/94      11370          12       28 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                  |
  15 L 11->    |                                                          |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  5104700              SERVICE ADDRESS
 CUSTOMER NAME                                  SUTTER BLVD #8-LAND
 COCHRANE BUS R+-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/07/95       7446          9 N     27 |
 COCHRANE BUS R|   1 DEF IN     1 02/08/95       7437          0 N     28 |
               |   1 DEF IN     1 01/11/95       7437          5 N     35 |
          SUTTE|   1 DEF IN     1 12/07/94       7432          3 N     27 |
               |   1 DEF IN     1 11/10/94       7429         39       27 |
               |   1 DEF IN     1 10/14/94       7390        106       36 |
               |   1 DEF IN     1 09/08/94       7284        168       29 |LTY N
 PROPERTY ID   |   1 DEF IN     1 08/10/94       7116        179       34 |APE
 SOC SECURITY #|   1 DEF IN     1 07/07/94       6937        109       28 |
 CA DRIVERS LIC|   1 DEF IN     1 06/09/94       6828         88       28 |
 SERVICE       |   1 DEF IN     1 05/12/94       6740         99       36 |L DUE
   1 DEF IN    |   1 DEF IN     1 04/06/94       6641         18       28 |22.10
  13 L 1-5     |   1 DEF IN     1 03/09/94       6623          7       28 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                    |
  15 L 11->    |                                                            |
               +-------------------------------------------------------+

 device     pf     basic     modes  22    18  COMMAND   file     HELP     EXIT
control    keys   config     keys     CN       LINE   transfer
                                     13:17    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  5105300              SERVICE ADDRESS
 CUSTOMER NAME                                  SUTTER BLVD #1-LAND
 COCHRANE BUS R+-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/07/95       8604         14 N     27 |
 COCHRANE BUS R|   1 DEF IN     1 02/08/95       8590          0 N     28 |
               |   1 DEF IN     1 01/11/95       8590         13 N     35 |
          SUTTE|   1 DEF IN     1 12/07/94       8577         16 N     27 |
               |   1 DEF IN     1 11/10/94       8561         92       27 |
               |   1 DEF IN     1 10/14/94       8469        181       36 |
               |   1 DEF IN     1 09/08/94       8288        313       29 |LTY N
 PROPERTY ID   |   1 DEF IN     1 08/10/94       7975        259       34 |APE
 SOC SECURITY #|   1 DEF IN     1 07/07/94       7716        151       28 |
 CA DRIVERS LIC|   1 DEF IN     1 06/09/94       7565        154       28 |
 SERVICE       |   1 DEF IN     1 05/12/94       7411        180       36 |L DUE
   1 DEF IN    |   1 DEF IN     1 04/06/94       7231         42       28 |32.10
  13 L 1-5     |   1 DEF IN     1 03/09/94       7189         16       28 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                    |
  15 L 11->    |                                                            |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  5105400              SERVICE ADDRESS
 CUSTOMER NAME                         18630    SUTTER BLVD-LAND
 DIVERSIFIED SO+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 03/07/95       11679          11 N     27 |
 DIVERSIFIED SO|   1 DEF IN    1 02/08/95       11668           0 N     28 |
               |   1 DEF IN    1 01/11/95       11668           8 N     35 |
 18630    SUTTE|   1 DEF IN    1 12/07/94       11660          13 N     27 |
               |   1 DEF IN    1 11/10/94       11647          80       27 |
               |   1 DEF IN    1 10/14/94       11567         156       36 |
               |   1 DEF IN    1 09/08/94       11411         256       29 |LTY
 PROPERTY ID   |   1 DEF IN    1 08/10/94       11155         266       34 |APE
 SOC SECURITY #|   1 DEF IN    1 07/07/94       10889         142       28 |
 CA DRIVERS LIC|   1 DEF IN    1 06/09/94       10747         124       28 |
 SERVICE       |   1 DEF IN    1 05/12/94       10623         146       36 |L DU
   1 DEF IN    |   1 DEF IN    1 04/06/94       10477          35       28 |26.1
  13 L 1-5     |   1 DEF IN    1 03/09/94       10442           9       28 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                    |
  15 L 11->    |                                                            |
               +-------------------------------------------------------+

 device     pf      basic     modes  22    18  COMMAND   file      HELP      EXIT
control     keys    config    keys     CN       LINE   transfer
                                       13:17    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  5105500              SERVICE ADDRESS
 CUSTOMER NAME                         18630    SUTTER BLVD              BLDG
 DIVERSIFIED SO+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 03/07/95        1275          10 N     27 |
 DIVERSIFIED SO|   1 DEF IN    1 02/08/95        1265          12 N     28 |
               |   1 DEF IN    1 01/11/95        1253          13 N     35 |
 18630    SUTTE|   1 DEF IN    1 12/07/94        1240           8 N     27 |
               |   1 DEF IN    1 11/10/94        1232           8       27 |
               |   1 DEF IN    1 10/14/94        1224          15       36 |
               |   1 DEF IN    1 09/08/94        1209          10       29 |LTY
 PROPERTY ID   |   1 DEF IN    1 08/10/94        1199          14       34 |APE
 SOC SECURITY #|   1 DEF IN    1 07/07/94        1185          10       28 |
 CA DRIVERS LIC|   1 DEF IN    1 06/09/94        1175          12       28 |
 SERVICE       |   1 DEF IN    1 05/12/94        1163          14       36 |L DUE
   1 DEF IN    |   1 DEF IN    1 04/06/94        1149          14       28 |68.05
   7 C  1-5    |   1 DEF IN    1 03/09/94        1135          12       28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                    |
   9 C 11->    |                                                            |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  5108400            SERVICE ADDRESS
 CUSTOMER NAME                       18640    SUTTER BLVD
 T.B.I.          +-------------------------------------------------------+
                 | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD  |   1 DEF IN    1 03/07/95        217          8 N     28 |
 T.B.I.          |   1 DEF IN    1 02/07/95        209          7 N     27 |
                 |   1 DEF IN    1 01/11/95        202         11 N     35 |
 18640    SUTTE  |   1 DEF IN    1 12/07/94        191          4        27 |
                 |   1 DEF IN    1 11/10/94        187          8        27 |
                 |   1 DEF IN    1 10/14/94        179         17        36 |
                 |   1 DEF IN    1 09/08/94        162          8        29 | LTY N
 PROPERTY ID     |   1 DEF IN    1 08/10/94        154         10        34 |
 SOC SECURITY #  |   1 DEF IN    1 07/07/94        144          7        28 |
 CA DRIVERS LIC  |   1 DEF IN    1 06/09/94        137         15        28 |
 SERVICE         |   1 DEF IN    1 05/12/94        122         13        36 | L DUE
   1 DEF IN      |   1 DEF IN    1 04/06/94        109          8        28 | 41.35
   7 C  1-5      |   1 DEF IN    1 03/09/94        101          7        28 |
   8 C 6-10      |            PRESS ESCAPE TO EXIT DISPLAY                   |
   9 C 11->      |                                                           |
                 +-------------------------------------------------------+
```

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 1528500 SERVICE ADDRESS
CUSTOMER NAME 225 W. MAIN AV
NOB HILL FOODS

	SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
OWNER NAME/ADD	1 DEF IN	1	01/23/95	12471		9 N	20	
NOB HILL FOODS	1 DEF IN	1	01/03/95	12462		12 N	36	
	1 DEF IN	1	11/28/94	12450		13 N	28	
FILE #22	1 DEF IN	1	10/31/94	12437		10	21	
GILROY, CA	1 DEF IN	1	10/10/94	12427		16	42	
95020	1 DEF IN	1	08/29/94	12411		11	27	
200 E. 10TH ST	1 DEF IN	1	08/02/94	12400		15	35	LTY 1
PROPERTY ID	1 DEF IN	1	06/28/94	12385		29	27	APE
SOC SECURITY #	1 DEF IN	1	06/01/94	12356		24	29	
CA DRIVERS LIC	1 DEF IN	1	05/03/94	12332		24	35	
SERVICE	1 DEF IN	1	03/29/94	12308		17	27	L DUE
1 DEF IN	1 DEF IN	1	03/02/94	12291		16	29	0.0(
7 C 1-5	1 DEF IN	1	02/01/94	12275		21	29	
8 C 6-10			PRESS ESCAPE TO EXIT DISPLAY		217		385	0.56
9 C 11->								

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 1528500 SERVICE ADDRESS
CUSTOMER NAME 225 W. MAIN AV
NOB HILL FOODS

	SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
OWNER NAME/ADD	1 DEF IN	1	01/23/95	12471		9 N	20	
NOB HILL FOODS	1 DEF IN	1	01/03/95	12462		12 N	36	
	1 DEF IN	1	11/28/94	12450		13 N	28	
FILE #22	1 DEF IN	1	10/31/94	12437		10	21	
GILROY, CA	1 DEF IN	1	10/10/94	12427		16	42	
95020	1 DEF IN	1	08/29/94	12411		11	27	
200 E. 10TH ST	1 DEF IN	1	08/02/94	12400		15	35	LTY N
PROPERTY ID	1 DEF IN	1	06/28/94	12385		29	27	APE
SOC SECURITY #	1 DEF IN	1	06/01/94	12356		24	29	
CA DRIVERS LIC	1 DEF IN	1	05/03/94	12332		24	35	
SERVICE	1 DEF IN	1	03/29/94	12308		17	27	L DUE
1 DEF IN	1 DEF IN	1	03/02/94	12291		16	29	0.00
7 C 1-5	1 DEF IN	1	02/01/94	12275		21	29	
8 C 6-10			PRESS ESCAPE TO EXIT DISPLAY		217		385	0.56
9 C 11->								

QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 1540302 SERVICE ADDRESS
CUSTOMER NAME 209 W. MAIN AV
NOB HILL COIN

OWNER NAME/ADD
NOB HILL COIN

495 DIANA
MORGAN HILL CA
95037

PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
7 C 1-5
8 C 6-10
9 C 11->

SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY
1 DEF IN	1	02/28/95	44834		253 N	27
1 DEF IN	1	02/01/95	44581		283 N	29
1 DEF IN	1	01/03/95	44298		370 N	36
1 DEF IN	1	11/28/94	43928		304 N	28
1 DEF IN	1	10/31/94	43624		215	21
1 DEF IN	1	10/10/94	43409		454	42
1 DEF IN	1	08/29/94	42955		276	27
1 DEF IN	1	08/02/94	42679		339	35
1 DEF IN	1	06/28/94	42340		265	27
1 DEF IN	1	06/01/94	42075		296	29
1 DEF IN	1	05/03/94	41779		351	35
1 DEF IN	1	03/29/94	41428		283	27
1 DEF IN	1	03/02/94	41145	305		29

PRESS ESCAPE TO EXIT DISPLAY 3994 392

LTY
APE
L DU
02.1
10.19

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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1526903              SERVICE ADDRESS
 CUSTOMER NAME                         209      W. MAIN AV
 NOB HILL COIN-+-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/28/95          2          0 N     28 |
 NOB HILL COIN-|   1 DEF IN     1 01/31/95          2          1 N     28 |
               |   1 DEF IN     1 01/03/95          1          1 N     36 |
 495      DIANA|   1 DEF IN     1 11/28/94          0          0 Y     28 |
 MORGAN HILL CA|   1 DEF IN     1 10/31/94        101          0       21 |
 95037         |   1 DEF IN     1 10/10/94        101          1       42 |
               |   1 DEF IN     1 08/29/94        100          0       27 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/02/94        100          1       35 | APE
 SOC SECURITY # |   1 DEF IN     1 06/28/94         99          0       27 |
 CA DRIVERS LIC|   1 DEF IN     1 06/01/94         99          1       29 |
 SERVICE       |   1 DEF IN     1 05/03/94         98          1       35 | L DUE
   1 DEF IN    |   1 DEF IN     1 03/29/94         97          1       27 |  4.90
   7 C  1-5    |   1 DEF IN     1 03/02/94         96          0       29 |
   8 C 6-10    |              PRESS ESCAPE TO EXIT DISPLAY                 |
   9 C 11->    |                                                           |
               +-------------------------------------------------------+

 device      pf      basic      modes  22    18  COMMAND   file      HELP      EXIT
control     keys     config     keys      CN       LINE    transfer
                                          13:19    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1527302              SERVICE ADDRESS
 CUSTOMER NAME                         211      W. MAIN AV
 NOB HILL ONE H+-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/28/95        204          8 N     28 |
 NOB HILL 1 HR |   1 DEF IN     1 01/31/95        196          9 N     28 |
               |   1 DEF IN     1 01/03/95        187         12 N     36 |
 211      W. MA|   1 DEF IN     1 11/28/94        175          6 N     28 |
 MORGAN HILL CA|   1 DEF IN     1 10/31/94        169          7       21 |
 95037         |   1 DEF IN     1 10/10/94        162         15       42 |
               |   1 DEF IN     1 08/29/94        147          7       27 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/02/94        140          8       35 | APE
 SOC SECURITY # |   1 DEF IN     1 06/28/94        132          5       27 |
 CA DRIVERS LIC|   1 DEF IN     1 06/01/94        127          5       29 |
 SERVICE       |   1 DEF IN     1 05/03/94        122          7       35 | L DUE
   1 DEF IN    |   1 DEF IN     1 03/29/94        115          7       27 | 65.70
   7 C  1-5    |   1 DEF IN     1 03/02/94        108          7       29 |
   8 C 6-10    |              PRESS ESCAPE TO EXIT DISPLAY                 |
   9 C 11->    |                                                           |
               +-------------------------------------------------------+
```

```
QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1526502              SERVICE ADDRESS
 CUSTOMER NAME                         213      W. MAIN AV
 FIESTA VIDEO  +-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/28/95          13          1 N      28 |
 FIESTA VIDEO  |   1 DEF IN     1 01/31/95          12          2 N      28 |
               |   1 DEF IN     1 01/03/95          10          2 N      36 |
 213       W. MA   1 DEF IN     1 11/28/94           8          2 N      28 |
               |   1 DEF IN     1 10/31/94           6          2        21 |
               |   1 DEF IN     1 10/10/94           4          4        10 |
               |   1 DEF IN     1 09/30/94           0          0 N       0 | LTY I
 PROPERTY ID   |   1 DEF IN     1 09/30/94           0          0 N       0 |
 SOC SECURITY # |                                                          |
 CA DRIVERS LIC |                                                          |
 SERVICE       |                                                          | L DU
   1 DEF IN    |                                                          | 21.1
   7 C  1-5    |                                                          |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                  |
   9 C 11->    |                                                          |
               +-------------------------------------------------------+

 device     pf      basic     modes  22    18  COMMAND   file      HELP      EXIT
control     keys    config    keys     CN       LINE    transfer
                                       13:20    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1526602              SERVICE ADDRESS
 CUSTOMER NAME                         215      W. MAIN AV
 NOB HILL LIQUO+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/28/95          59         11 N      28 |
 NOB HILL LIQUO|   1 DEF IN     1 01/31/95          48         10 N      28 |
               |   1 DEF IN     1 01/03/95          38         13 N      36 |
 215       W. MA   1 DEF IN     1 11/28/94          25         10 N      28 |
 MORGAN HILL CA|   1 DEF IN     1 10/31/94          15          8        21 |
 95037         |   1 DEF IN     1 10/10/94           7         13        42 |
               |   1 DEF IN     1 08/29/94         276          9        27 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/02/94         267          9        35 | APE
 SOC SECURITY # |   1 DEF IN     1 06/28/94         258          6        27 |
 CA DRIVERS LIC |   1 DEF IN     1 06/01/94         252          7        29 |
 SERVICE       |   1 DEF IN     1 05/03/94         245          8        35 | L DUE
   1 DEF IN    |   1 DEF IN     1 03/29/94         237         11        27 |  0.00
   7 C  1-5    |   1 DEF IN     1 03/02/94         226          9        29 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                  |
   9 C 11->    |                                                          |
               +-------------------------------------------------------+
```

```
QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1528203              SERVICE ADDRESS
 CUSTOMER NAME                         217      W. MAIN AV
 JO'S BOUTIQUE +-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 02/28/95          3          1 N     28 |
 JO'S BOUTIQUE |   1 DEF IN    1 01/31/95          2          0 N     28 |
               |   1 DEF IN    1 01/03/95          2          1 Y     36 |
 217      W. MA|   1 DEF IN    1 11/28/94          1          1 N     28 |
               |   1 DEF IN    1 10/31/94        350          1        21 |
               |   1 DEF IN    1 10/10/94        349          0        42 |
               |   1 DEF IN    1 08/29/94        349          1        27 | LTY N
 PROPERTY ID   |   1 DEF IN    1 08/02/94        348          0        32 |
 SOC SECURITY # |  1 DEF IN    1 07/01/94        348          0         0 |
 CA DRIVERS LIC|   1 DEF IN    1 07/01/94        348          0 N       0 |
 SERVICE       |   1 DEF IN    1 07/01/94        348          0 N       0 | L DUE
   1 DEF IN    |                                                          |  0.00
   7 C  1-5    |                                                          |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                  |
   9 C 11->    |                                                          |
               +-------------------------------------------------------+

 device      pf      basic      modes  22     18  COMMAND   file      HELP      EXIT
control     keys    config      keys      CN        LINE    transfer
                                          13:20     CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1530003              SERVICE ADDRESS
 CUSTOMER NAME                         219      W. MAIN AV
 LOMBARDO'S DON+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 02/28/95         39         15 N     28 |
 LOMBARDO'S DON|   1 DEF IN    1 01/31/95         24          6 N     28 |
               |   1 DEF IN    1 01/03/95         18          7 N     36 |
 219      W. MA|   1 DEF IN    1 11/28/94         11          4 N     28 |
 MORGAN HILL CA|   1 DEF IN    1 10/31/94          7          4        21 |
 95037         |   1 DEF IN    1 10/10/94          3          6 N     42 |
               |   1 DEF IN    1 08/29/94        876          5        27 | LTY N
 PROPERTY ID   |   1 DEF IN    1 08/02/94        871          5        35 | APE
 SOC SECURITY # |  1 DEF IN    1 06/28/94        866          5        27 |
 CA DRIVERS LIC|   1 DEF IN    1 06/01/94        861          6        29 |
 SERVICE       |   1 DEF IN    1 05/03/94        855          8        35 | L DUE
   1 DEF IN    |   1 DEF IN    1 03/29/94        847          5        27 | 11.67
   7 C  1-5    |   1 DEF IN    1 03/02/94        842          6        29 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                  |
   9 C 11->    |                                                          |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1528103              SERVICE ADDRESS
 CUSTOMER NAME                         207      W. MAIN AV
 MORGAN'S MATE +-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/28/95       167          11 N     28 |
 MORGAN'S MATE |   1 DEF IN     1 01/31/95       156          10 N     28 |
               |   1 DEF IN     1 01/03/95       146          13 N     36 |
 207      W. MA|   1 DEF IN     1 11/28/94       133          10 N     28 |
               |   1 DEF IN     1 10/31/94       123           6       21 |
               |   1 DEF IN     1 10/10/94       117          13       42 |
               |   1 DEF IN     1 08/29/94       104           8       27 |LTY I
 PROPERTY ID   |   1 DEF IN     1 08/02/94        96          12       35 |
 SOC SECURITY #|   1 DEF IN     1 06/28/94        84          12       27 |
 CA DRIVERS LIC|   1 DEF IN     1 06/01/94        72          13       29 |
 SERVICE       |   1 DEF IN     1 05/03/94        59          18       35 |L DU
   1 DEF IN    |   1 DEF IN     1 03/29/94        41          14       27 |08.5
   7 C  1-5    |   1 DEF IN     1 03/02/94        27          18       29 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                   |
   9 C 11->    |                                                           |
               +-------------------------------------------------------+

 device     pf      basic     modes  22    18  COMMAND   file     HELP     EXIT
control     keys    config    keys     CN       LINE   transfer
                                       13:21    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1540302              SERVICE ADDRESS
 CUSTOMER NAME                         209      W. MAIN AV
 NOB HILL COIN +-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/28/95     44834          253 N     27 |
 NOB HILL COIN |   1 DEF IN     1 02/01/95     44581          283 N     29 |
               |   1 DEF IN     1 01/03/95     44298          370 N     36 |
 495      DIANA|   1 DEF IN     1 11/28/94     43928          304 N     28 |
 MORGAN HILL CA|   1 DEF IN     1 10/31/94     43624          215       21 |
 95037         |   1 DEF IN     1 10/10/94     43409          454       42 |
               |   1 DEF IN     1 08/29/94     42955          276       27 |LTY N
 PROPERTY ID   |   1 DEF IN     1 08/02/94     42679          339       35 |APE
 SOC SECURITY #|   1 DEF IN     1 06/28/94     42340          265       27 |
 CA DRIVERS LIC|   1 DEF IN     1 06/01/94     42075          296       29 |
 SERVICE       |   1 DEF IN     1 05/03/94     41779          351       35 |L DUE
   1 DEF IN    |   1 DEF IN     1 03/29/94     41428          283       27 |02.15
   7 C  1-5    |   1 DEF IN     1 03/02/94     41145          305       29 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                   |
   9 C 11->    |                                                           |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1527200              SERVICE ADDRESS
 CUSTOMER NAME                         237      W. MAIN AV
 PAUL          +-------------------------------------------------------+
 BRUNO F., M.D.| SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/28/95          13           3 N     28 |
 PAUL          |   1 DEF IN     1 01/31/95          10           3 N     28 |
 BRUNO F., M.D.|   1 DEF IN     1 01/03/95           7           3 N     36 |
 PO BOX 6      |   1 DEF IN     1 11/28/94           4           2 N     28 |
 MORGAN HILL CA|   1 DEF IN     1 10/31/94           2           2       21 |
 95037         |   1 DEF IN     1 10/10/94        4497           3       42 |
               |   1 DEF IN     1 08/29/94        4494           3       27 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/02/94        4491           3       35 | APE
 SOC SECURITY # |   1 DEF IN     1 06/28/94        4488           2       27 |
 CA DRIVERS LIC|   1 DEF IN     1 06/01/94        4486           8       29 |
 SERVICE       |   1 DEF IN     1 05/03/94        4478           6       35 | L DUE
   1 DEF IN    |   1 DEF IN     1 03/29/94        4472           3       27 |  0.00
   7 C  1-5    |   1 DEF IN     1 03/02/94        4469           4       29 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                     |
   9 C 11->    |                                                             |
               +-------------------------------------------------------+

 device     pf     basic     modes  22    18  COMMAND   file     HELP     EXIT
control    keys   config     keys     CN       LINE   transfer
                                     13:21    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1540401              SERVICE ADDRESS
 CUSTOMER NAME                         235      W. MAIN AV              #B
 MITZIE'S CONSI+-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/28/95          13           3 N     28 |
 MITZIE'S CONSI|   1 DEF IN     1 01/31/95          10           2 N     28 |
               |   1 DEF IN     1 01/03/95           8           4 N     36 |
 235      W. MA|   1 DEF IN     1 11/28/94           4           2 N     28 |
 MORGAN HILL CA|   1 DEF IN     1 10/31/94           2           2       21 |
 95037         |   1 DEF IN     1 10/10/94           0           3       42 |
               |   1 DEF IN     1 08/29/94         557           1       27 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/02/94         556           2       35 | APE
 SOC SECURITY # |   1 DEF IN     1 06/28/94         554           2       27 |
 CA DRIVERS LIC|   1 DEF IN     1 06/01/94         552           1       29 |
 SERVICE       |   1 DEF IN     1 05/03/94         551           2       35 | L DUE
   1 DEF IN    |   1 DEF IN     1 03/29/94         549           1       27 |  0.00
   7 C  1-5    |   1 DEF IN     1 03/02/94         548           1       29 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                     |
   9 C 11->    |                                                             |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1528804              SERVICE ADDRESS
 CUSTOMER NAME                         233      W. MAIN AV                  #A
 MEDURI TRUST P+-------------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY    |
 OWNER NAME/ADD|   1 DEF IN     1 02/28/95       130          30 N     28    |
 MEDURI TRUST P|   1 DEF IN     1 01/31/95       100          22 N     28    |
               |   1 DEF IN     1 01/03/95        78          32 N     36    |
 1557      CARME|   1 DEF IN     1 11/28/94        46          25 N     28    |
 SAN JOSE, CA  |   1 DEF IN     1 10/31/94        21          16       21    |
 95125         |   1 DEF IN     1 10/10/94         5          46       42    |
               |   1 DEF IN     1 08/29/94        66          17       27    | LTY I
 PROPERTY ID   |   1 DEF IN     1 08/02/94        49          22       35    |
 SOC SECURITY # |   1 DEF IN     1 06/28/94        27          19       27    |
 CA DRIVERS LIC|   1 DEF IN     1 06/01/94         8          19       29    |
 SERVICE       |   1 DEF IN     1 05/03/94       989          20       35    | L DU
   1 DEF IN    |   1 DEF IN     1 03/29/94       969          18       27    | 53.3
   3 IN  1-5   |   1 DEF IN     1 03/02/94       951          20       29    |
   4 IN 6-10   |            PRESS ESCAPE TO EXIT DISPLAY                      |
   5 I 11-30   |                                                              |
               +--------------------------------------------------------------+

 device      pf      basic      modes  22     18  COMMAND   file      HELP      EXIT
control     keys     config     keys      CN        LINE    transfer
                                          13:22     CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1528701              SERVICE ADDRESS
 CUSTOMER NAME                         231      W. MAIN AV
 NOB HILL BARBE+-------------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY    |
 OWNER NAME/ADD|   1 DEF IN     1 02/28/95         9            2 N     28    |
 NOB HILL BARBE|   1 DEF IN     1 01/31/95         7            2 N     28    |
               |   1 DEF IN     1 01/03/95         5            1 N     36    |
 231       W MAI|   1 DEF IN     1 11/28/94         4            2 N     28    |
 MORGAN HILL CA|   1 DEF IN     1 10/31/94         2            2       21    |
 95037         |   1 DEF IN     1 10/10/94         0            3       42    |
               |   1 DEF IN     1 08/29/94       407            2       27    | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/02/94       405            3       35    | APE
 SOC SECURITY # |   1 DEF IN     1 06/28/94       402            2       27    |
 CA DRIVERS LIC|   1 DEF IN     1 06/01/94       400            2       29    |
 SERVICE       |   1 DEF IN     1 05/03/94       398            2       35    | L DUE
   1 DEF IN    |   1 DEF IN     1 03/29/94       396            1       27    | 33.00
   7 C  1-5    |   1 DEF IN     1 03/02/94       395            2       29    |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                      |
   9 C 11->    |                                                              |
               +--------------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1528604              SERVICE ADDRESS
 CUSTOMER NAME                         227      W. MAIN AV
 MEDURI TRUST P+-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/28/95        34          9 N     28 |
 MEDURI TRUST P|   1 DEF IN     1 01/31/95        25          7 N     28 |
               |   1 DEF IN     1 01/03/95        18          6 N     36 |
 1557      CARME|   1 DEF IN     1 11/28/94        12          5 N     28 |
 SAN JOSE, CA  |   1 DEF IN     1 10/31/94         7          6       21 |
 95125         |   1 DEF IN     1 10/10/94         1          8       42 |
               |   1 DEF IN     1 08/29/94      6643          5       27 |LTY N
 PROPERTY ID   |   1 DEF IN     1 08/02/94      6638          4       35 |
 SOC SECURITY # |   1 DEF IN     1 06/28/94      6634          4       27 |
 CA DRIVERS LIC|   1 DEF IN     1 06/01/94      6630          4       29 |
 SERVICE       |   1 DEF IN     1 05/03/94      6626          5       35 |L DUE
   1 DEF IN    |   1 DEF IN     1 03/29/94      6621          3       27 |44.20
   3 IN  1-5   |   1 DEF IN     1 03/02/94      6618          3       29 |
   4 IN 6-10   |            PRESS ESCAPE TO EXIT DISPLAY                  |
   5 I 11-30   |                                                          |
               +-------------------------------------------------------+

 device     pf      basic     modes  22    18  COMMAND   file     HELP     EXIT
control    keys    config     keys     CN       LINE   transfer
                                      13:22    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1541502              SERVICE ADDRESS
 CUSTOMER NAME                         227      W. MAIN AV-LANDSCAPE
 MEDURI TRUST P+-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/28/95      2065          1 N     28 |
 MEDURI TRUST P|   1 DEF IN     1 01/31/95      2064          0 N     28 |
               |   1 DEF IN     1 01/03/95      2064          0 N     36 |
 1557      CARME|   1 DEF IN     1 11/28/94      2064          4 N     28 |
 SAN JOSE, CA  |   1 DEF IN     1 10/31/94      2060          8       21 |
 95125         |   1 DEF IN     1 10/10/94      2052         20       42 |
               |   1 DEF IN     1 08/29/94      2032         13       27 |LTY N
 PROPERTY ID   |   1 DEF IN     1 08/02/94      2019         22       35 |APE
 SOC SECURITY # |   1 DEF IN     1 06/28/94      1997         33       27 |
 CA DRIVERS LIC|   1 DEF IN     1 06/01/94      1964          1       29 |
 SERVICE       |   1 DEF IN     1 05/03/94      1963         12       35 |L DUE
   1 DEF IN    |   1 DEF IN     1 03/29/94      1951         11       27 | 9.15
  13 L 1-5     |   1 DEF IN     1 03/02/94      1940         11       29 |
  14 L 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                  |
  15 L 11->    |                                                          |
               +-------------------------------------------------------+
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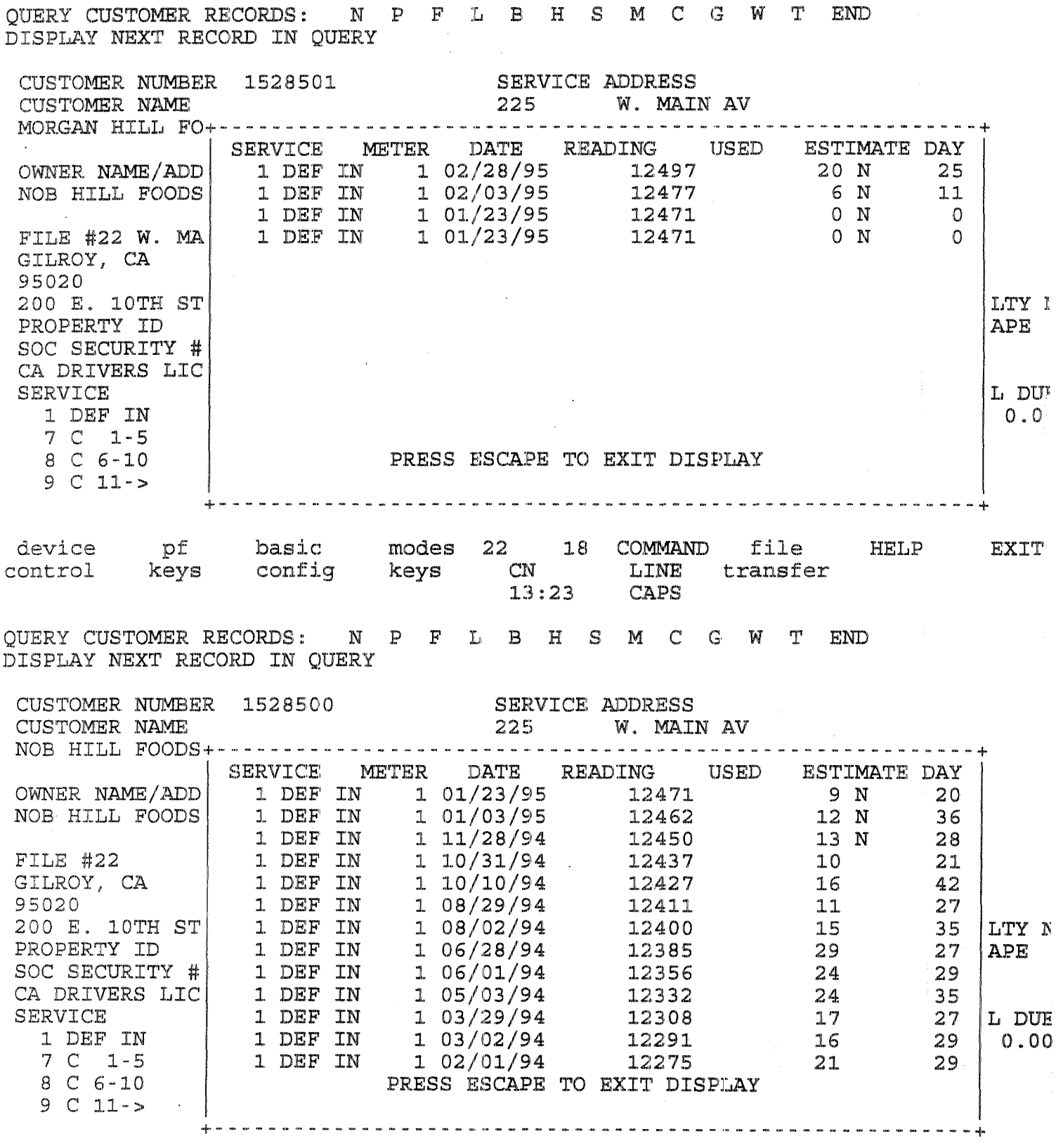
QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY
CUSTOMER NUMBER 1528501
SERVICE ADDRESS
CUSTOMER NAME
225 W. MAIN AV
MORGAN HILL FO
SERVICE METER DATE READING USED ESTIMATE DAY
OWNER NAME/ADD
1 DEF IN 1 02/28/95 12497 20 N 25
NOB HILL FOODS
1 DEF IN 1 02/03/95 12477 6 N 11
1 DEF IN 1 01/23/95 12471 0 N 0
FILE #22 W. MA
1 DEF IN 1 01/23/95 12471 0 N 0
GILROY, CA
95020
200 E. 10TH ST
PROPERTY ID
SOC SECURITY #
CA DRIVERS LIC
SERVICE
1 DEF IN
7 C 1-5
8 C 6-10
9 C 11->
PRESS ESCAPE TO EXIT DISPLAY
LTY I
APE
L DU
0.0
device control
pf keys
basic config
modes keys
22 CN 13:23
18 COMMAND LINE CAPS
file transfer
HELP
EXIT
QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY
CUSTOMER NUMBER 1528500
SERVICE ADDRESS
CUSTOMER NAME
225 W. MAIN AV
NOB HILL FOODS
SERVICE METER DATE READING USED ESTIMATE DAY
OWNER NAME/ADD
1 DEF IN 1 01/23/95 12471 9 N 20
NOB HILL FOODS
1 DEF IN 1 01/03/95 12462 12 N 36
1 DEF IN 1 11/28/94 12450 13 N 28
FILE #22
1 DEF IN 1 10/31/94 12437 10 21
GILROY, CA
1 DEF IN 1 10/10/94 12427 16 42
95020
1 DEF IN 1 08/29/94 12411 11 27
200 E. 10TH ST
1 DEF IN 1 08/02/94 12400 15 35
PROPERTY ID
1 DEF IN 1 06/28/94 12385 29 27
SOC SECURITY #
1 DEF IN 1 06/01/94 12356 24 29
CA DRIVERS LIC
1 DEF IN 1 05/03/94 12332 24 35
SERVICE
1 DEF IN 1 03/29/94 12308 17 27
1 DEF IN
1 DEF IN 1 03/02/94 12291 16 29
7 C 1-5
1 DEF IN 1 02/01/94 12275 21 29
8 C 6-10
9 C 11->
PRESS ESCAPE TO EXIT DISPLAY
LTY N
APE
L DUE
0.00

```
QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1528302              SERVICE ADDRESS
 CUSTOMER NAME                         221      W. MAIN AV
 TRI STAR GRAND+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/28/95        205          3 N      18 |
 SPROUSE REITZ |   1 DEF IN     1 02/10/95        202          0 N       0 |
               |   1 DEF IN     1 02/10/95        202          0 N       0 |
 221      W. MA|                                                           |
 MORGAN HILL CA|                                                           |
 95037         |                                                           |
               |                                                           |LTY N
 PROPERTY ID   |                                                           |
 SOC SECURITY # |                                                          |
 CA DRIVERS LIC|                                                           | DAIL
 SERVICE       |                                                           |L DUE
   1 DEF IN    |                                                           |23.61
   7 C  1-5    |                                                           |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                   |
   9 C 11->    |                                                           |
               +-------------------------------------------------------+

 device     pf      basic     modes  22    18  COMMAND   file      HELP      EXIT
control     keys    config    keys     CN       LINE    transfer
                                       13:23    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1528301              SERVICE ADDRESS
 CUSTOMER NAME                         221      W. MAIN AV
 MORGAN HILL AU+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 10/10/94        178          10       45 |
 SPROUSE REITZ |   1 DEF IN     1 08/26/94        168           4 N     24 |
               |   1 DEF IN     1 08/02/94        164           5 Y     35 |
 221      W. MA|   1 DEF IN     1 06/28/94        159           3       27 |
 MORGAN HILL CA|   1 DEF IN     1 06/01/94        156           4       29 |
 95037         |   1 DEF IN     1 05/03/94        152          15 Y     35 |
               |   1 DEF IN     1 03/29/94        137           0 Y     26 |LTY N
 PROPERTY ID   |   1 DEF IN     1 03/03/94        137           6 Y     30 |
 SOC SECURITY # |  1 DEF IN     1 02/01/94        131           7       29 |
 CA DRIVERS LIC|   1 DEF IN     1 01/03/94        124           3       34 |
 SERVICE       |   1 DEF IN     1 11/30/93        121           6       28 |L DUE
   1 DEF IN    |   1 DEF IN     1 11/02/93        115          12       35 | 0.00
   7 C  1-5    |   1 DEF IN     1 09/28/93        103           5       29 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                   |
   9 C 11->    |                                                           |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1529104              SERVICE ADDRESS
 CUSTOMER NAME                         263      W. MAIN AV
 THE HAIR STOP +-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 02/28/95       229          11 N     28 |
 THE HAIR STOP |   1 DEF IN    1 01/31/95       218          23 N     28 |
               |   1 DEF IN    1 01/03/95       195           9 N     36 |
 263      W. MA|   1 DEF IN    1 11/28/94       186          14 N     28 |
 MORGAN HILL, C|   1 DEF IN    1 10/31/94       172           9       21 |
 95037         |   1 DEF IN    1 10/10/94       163          22       42 |
 263 W. MAIN AV|   1 DEF IN    1 08/29/94       141          14       27 |LTY
 PROPERTY ID   |   1 DEF IN    1 08/02/94       127          18       35 |
 SOC SECURITY # |   1 DEF IN    1 06/28/94       109          15       27 |
 CA DRIVERS LIC|   1 DEF IN    1 06/01/94        94          16       29 |
 SERVICE       |   1 DEF IN    1 05/03/94        78          19       35 |L DU
   1 DEF IN    |   1 DEF IN    1 03/29/94        59          14       27 |51.6
   3 IN  1-5   |   1 DEF IN    1 03/02/94        45          14       29 |
   4 IN 6-10   |            PRESS ESCAPE TO EXIT DISPLAY                  |
   5 I 11-30   |                                                         |
               +-------------------------------------------------------+

 device     pf      basic     modes  22    18  COMMAND   file      HELP      EXIT
control     keys    config    keys     CN       LINE   transfer
                                       13:24    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1539800              SERVICE ADDRESS
 CUSTOMER NAME                         257      W. MAIN AV
 ADVANCED HAIRC+-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 02/28/95      1098           1 N     28 |
 ADVANCED HAIRC|   1 DEF IN    1 01/31/95      1097           2 N     28 |
               |   1 DEF IN    1 01/03/95      1095           1 N     36 |
 257      W MAI|   1 DEF IN    1 11/28/94      1094           2 N     28 |
 MORGAN HILL CA|   1 DEF IN    1 10/31/94      1092           1       21 |
 95037         |   1 DEF IN    1 10/10/94      1091           2       42 |
               |   1 DEF IN    1 08/29/94      1089           1       27 |LTY I
 PROPERTY ID   |   1 DEF IN    1 08/02/94      1088           2       35 |APE
 SOC SECURITY # |   1 DEF IN    1 06/28/94      1086           2       27 |
 CA DRIVERS LIC|   1 DEF IN    1 06/01/94      1084           2       29 |
 SERVICE       |   1 DEF IN    1 05/03/94      1082           5       35 |L DUI
   1 DEF IN    |   1 DEF IN    1 03/29/94      1077           2       27 |29.15
   7 C  1-5    |   1 DEF IN    1 03/02/94      1075           1       29 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                  |
   9 C 11->    |                                                         |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1529000              SERVICE ADDRESS
 CUSTOMER NAME                         259      W. MAIN AV
 ADVANCE CLEANE+-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/28/95          89           1 N     28 |
 ADVANCE CLEANE|   1 DEF IN     1 01/31/95          88           3 N     28 |
               |   1 DEF IN     1 01/03/95          85           3 N     36 |
 259      W. MA|   1 DEF IN     1 11/28/94          82           2 N     28 |
 MORGAN HILL CA|   1 DEF IN     1 10/31/94          80           2       21 |
 95037         |   1 DEF IN     1 10/10/94          78           7       42 |
               |   1 DEF IN     1 08/29/94          71           3       27 |LTY N
 PROPERTY ID   |   1 DEF IN     1 08/02/94          68           3       35 |APE
 SOC SECURITY # |   1 DEF IN     1 06/28/94          65           3       27 |
 CA DRIVERS LIC|   1 DEF IN     1 06/01/94          62           3       29 |
 SERVICE       |   1 DEF IN     1 05/03/94          59           3       35 |L DUE
   1 DEF IN    |   1 DEF IN     1 03/29/94          56           3       27 | 0.00
   7 C  1-5    |   1 DEF IN     1 03/02/94          53           2       29 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                    |
   9 C 11->    |                                                            |
               +-------------------------------------------------------+

 device     pf      basic     modes  22    18  COMMAND   file     HELP     EXIT
control    keys    config     keys     CN       LINE   transfer
                                       13:25    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  1500702              SERVICE ADDRESS
 CUSTOMER NAME                         255      W. MAIN AV              #A
 THE PRINT SHOP+-------------------------------------------------------+
               | SERVICE   METER   DATE   READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 02/28/95          97           5 N     28 |
 THE PRINT SHOP|   1 DEF IN     1 01/31/95          92           5 N     28 |
               |   1 DEF IN     1 01/03/95          87           8 N     36 |
 C/O LARR      |   1 DEF IN     1 11/28/94          79           8 N     28 |
 MORGAN HILL CA|   1 DEF IN     1 10/31/94          71           6       21 |
    37         |   1 DEF IN     1 10/10/94          65           6       42 |
 255 W. MAIN #A|   1 DEF IN     1 08/29/94          59           3       27 |LTY N
 PROPERTY ID   |   1 DEF IN     1 08/02/94          56           5       35 |
 SOC SECURITY # |   1 DEF IN     1 06/28/94          51           3       27 |
 CA DRIVERS LIC|   1 DEF IN     1 06/01/94          48           3       29 |
 SERVICE       |   1 DEF IN     1 05/03/94          45           3       35 |L DUE
   1 DEF IN    |   1 DEF IN     1 03/29/94          42           3       27 |54.55
   7 C  1-5    |   1 DEF IN     1 03/02/94          39           4       29 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY                    |
   9 C 11->    |                                                            |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  5403600              SERVICE ADDRESS
 CUSTOMER NAME                         18511    MISSION VIEW DR-BLDG
 ST. LOUISE CAN+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 02/07/95       903          19 N     27 |
 ST. LOUISE CAN|   1 DEF IN    1 01/11/95       884          20 N     35 |
               |   1 DEF IN    1 12/07/94       864          18 N     27 |
 18511     MISSI|   1 DEF IN    1 11/10/94       846          16       27 |
               |   1 DEF IN    1 10/14/94       830          21       36 |
               |   1 DEF IN    1 09/08/94       809          20       29 |
               |   1 DEF IN    1 08/10/94       789          21       34 | LTY N
 PROPERTY ID   |   1 DEF IN    1 07/07/94       768          14       28 |
 SOC SECURITY # |   1 DEF IN    1 06/09/94       754          12       28 |
 CA DRIVERS LIC|   1 DEF IN    1 05/12/94       742          23       36 |
 SERVICE       |   1 DEF IN    1 04/06/94       719          14       28 | L DUE
   1 DEF IN    |   1 DEF IN    1 03/09/94       705          16       28 |  0.00
   7 C  1-5    |   1 DEF IN    1 02/09/94       689          18       28 |
   8 C 6-10    |             PRESS ESCAPE TO EXIT DISPLAY      232      391 | 0.59
   9 C 11->    |                                                           |
               +-------------------------------------------------------+

 device      pf      basic      modes  10     18  COMMAND   file      HELP      EXIT
control      keys    config     keys      CN        LINE    transfer
                                          15:37     CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  5403700              SERVICE ADDRESS
 CUSTOMER NAME                         18511    MISSION VIEW DR-LAND
 ST. LOUISE CAN+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING    USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN    1 11/10/93      2615           0       49 |
 ST. LOUISE CAN|   1 DEF IN    1 09/22/93      2615           0       13 |
               |   1 DEF IN    1 09/09/93      2615           0       27 |
 18511     MISSI|   1 DEF IN    1 08/13/93      2615         219       35 |
               |   1 DEF IN    1 07/09/93      2396         183       28 |
               |   1 DEF IN    1 06/11/93      2213         144       29 |
               |   1 DEF IN    1 05/13/93      2069         262       37 | LTY N
 PROPERTY ID   |   1 DEF IN    1 04/06/93      1807           3       26 |
 SOC SECURITY # |   1 DEF IN    1 03/11/93      1804           0       28 |
 CA DRIVERS LIC|   1 DEF IN    1 02/11/93      1804           0       28 |
 SERVICE       |   1 DEF IN    1 01/14/93      1804           0       35 | L DUE
   1 DEF IN    |   1 DEF IN    1 12/10/92      1804          40       28 |  0.00
  13 L 1-5     |   1 DEF IN    1 11/12/92      1764         185       36 |
  14 L 6-10    |             PRESS ESCAPE TO EXIT DISPLAY      1036     399 | 2.60
  15 L 11->    |                                                           |
               +-------------------------------------------------------+
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QUERY CUSTOMER RECORDS: N P F L B H S M C G W T END
DISPLAY NEXT RECORD IN QUERY

CUSTOMER NUMBER 1525900 SERVICE ADDRESS
CUSTOMER NAME 80 W. CENTRAL AV
BRITTON MIDDLE

	SERVICE	METER	DATE	READING	USED	ESTIMATE	DAY	
OWNER NAME/ADD	1 DEF IN	1	02/28/95	96671	50	Y	25	
BRITTON MIDDLE	1 DEF IN	1	02/03/95	96621	75		31	
	1 DEF IN	1	01/03/95	96546	1000	Y	36	
P.O. BOX	1 DEF IN	1	11/28/94	95546	1200	N	28	
MORGAN HILL CA	1 DEF IN	1	10/31/94	95146	1432		21	
95037	1 DEF IN	1	10/10/94	94726	1078	N	42	
	1 DEF IN	1	08/29/94	93648	1321		27	LTY N
PROPERTY ID	1 DEF IN	1	08/02/94	92327	1897		35	
SOC SECURITY #	1 DEF IN	1	06/28/94	90430	1101		27	
CA DRIVERS LIC	1 DEF IN	1	06/01/94	89329	619		29	
SERVICE	1 DEF IN	1	05/03/94	88711	769		35	L DUE
1 DEF IN	1 DEF IN	1	03/29/94	87947	291	N	26	99.75
7 C 1-5	1 DEF IN	1	03/03/94	87674	184		30	
8 C 6-10			PRESS ESCAPE TO EXIT DISPLAY					
9 C 11->								

1 UNIT = 748 GALLONS

EX: 184 x 7.48 = 1376.32

Kim Luchetti
Morgan Hill
408-779-7221

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QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0102704              SERVICE ADDRESS
 CUSTOMER NAME                         16885    JOLEEN WY
 COLEMAN PRECIS+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING     USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/06/95        1699          5 N      28 |
 COLEMAN PRECIS|   1 DEF IN     1 02/06/95        1694         14 Y      28 |
               |   1 DEF IN     1 01/09/95        1680         14 N      35 |
 16885    JOLEE|   1 DEF IN     1 12/05/94        1666         12 N      27 |
               |   1 DEF IN     1 11/08/94        1654         18        27 |
               |   1 DEF IN     1 10/12/94        1636         10 Y      36 |
               |   1 DEF IN     1 09/06/94        1626         11        29 | LTY
 PROPERTY ID   |   1 DEF IN     1 08/08/94        1615         12        33 | APE
 SOC SECURITY #|   1 DEF IN     1 07/06/94        1603         10        29 |
 CA DRIVERS LIC|   1 DEF IN     1 06/07/94        1593         16 N      28 |
 SERVICE       |   1 DEF IN     1 05/10/94        1577         16        36 | L DU
   1 DEF IN    |   1 DEF IN     1 04/04/94        1561         12        28 | 49.8
   7 C  1-5    |   1 DEF IN     1 03/07/94        1549         10        28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      160       392 | 0.4
   9 C 11->    |                                                             |
               +-------------------------------------------------------------+

 device     pf      basic     modes  22    18  COMMAND   file      HELP     EXIT
control     keys    config    keys     CN       LINE    transfer
                                       12:34    CAPS

QUERY CUSTOMER RECORDS:   N  P  F  L  B  H  S  M  C  G  W  T  END
DISPLAY NEXT RECORD IN QUERY

 CUSTOMER NUMBER  0102800              SERVICE ADDRESS
 CUSTOMER NAME                         16855    JOLEEN WAY
 FAHRENTHOLD AN+-------------------------------------------------------+
               | SERVICE   METER   DATE    READING     USED   ESTIMATE DAY |
 OWNER NAME/ADD|   1 DEF IN     1 03/06/95         505         37 N      28 |
 FAHRENTHOLD AN|   1 DEF IN     1 02/06/95         468         42 N      28 |
               |   1 DEF IN     1 01/09/95         426         61 N      35 |
 16855    JOLEE|   1 DEF IN     1 12/05/94         365        116 N      27 |
               |   1 DEF IN     1 11/08/94         249         37        28 |
               |   1 DEF IN     1 10/11/94         212         60        35 |
               |   1 DEF IN     1 09/06/94         152         23        29 | LTY N
 PROPERTY ID   |   1 DEF IN     1 08/08/94         129         28        33 |
 SOC SECURITY #|   1 DEF IN     1 07/06/94         101         32        29 | 232
 CA DRIVERS LIC|   1 DEF IN     1 06/07/94          69         20        28 |
 SERVICE       |   1 DEF IN     1 05/10/94          49         33        36 | L DUE
   1 DEF IN    |   1 DEF IN     1 04/04/94          16          9        28 | 69.90
   7 C  1-5    |   1 DEF IN     1 03/07/94           7          7        28 |
   8 C 6-10    |            PRESS ESCAPE TO EXIT DISPLAY      505       392 | 1.28
   9 C 11->    |                                                             |
               +-------------------------------------------------------------+
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TOTAL DISSC
South County Re

Number	Name	Facility Information Address	Telephone	Business Type	Business Group (a)	Water Softener	W Servic
1	Aztlan Bakery 742224	7419 Monterey Rd., Gilroy, CA 95020	(408) 847 - 8242	Bakery	G-C7	N	N
2	Bob Lynch Ford 515410	6290 Monterey Rd., Gilroy, CA 95020	(408) 847 - 1111	Auto Dealer	G-C9		
3	Burger King 260050	450 Leavesley Rd., Gilroy, CA 95020	(408) 847 - 3993	Fast Food	G-C1	N	N
4	Chevy's Restaurant 263700	8440 Murray Ave., Gilroy, CA 95020	(408) 847 - 2726	Restaurant	G-C1	Y	N
5	Cintas Corp. 515114/515121	904 Holloway Ave, Gilroy, CA 95020	(408) 848 - 1023	Comm. Laundry	G-C4	Y	N
6	Denny's Restaurant 260270	8425 San Ysidro Ave., Gilroy, CA 95020	(408) 842 - 7678	Restaurant	G-C1	Y	N
7	Dusan 260180	8100 Arroyo Circle, Gilroy, CA 95020	(408) 848 - 5000	Metal Finishing	G-I1	N	N
8	El Charito Market 763420	7638 Monterey Rd., Gilroy, CA 95020	(408) 842 - 3659	Market	G-C8	N	N
9	First St. Carwash 021580	951 First St., Gilroy, CA 95020	(408) 847 - 9910	Car Wash	G-C2	N	N
10	Gavilan College Well	5055 Santa Theresa Blvd., Gilroy, CA 95020	(408) 847 - 1400	Jr. College	G-C3		
11	Gaylord Container Corp 515510	6400 Jaimeson Way, Gilroy, CA 95020	(408) 847 - 6400	Fiberboard Mfg.	G-I2	Y	N
12	Gilroy High School 853950/854	750 West Tenth St., Gilroy, CA 95020	(408) 847 - 2424	High School	G-C2	Y	Y
13	Gilroy Medical Park 779600-9	7880 Wren Avenue, Gilroy, CA 95020	(408) 842 - 2320	Medical Complex	G-C6	N	N
14	Glenn View Elementary School	600 West Eigth St., Gilroy, CA 95020 714200/5330	(408) 842 - 8292	Elementary Schoo	G-C2	N	N
15	Golden West Restaurant 514940	840 Pacheco Pass Highway, Gilroy, CA 95020	(408) 842 - 6448	Restaurant	G-C1	Y	Y
16	Hecker Pass Plaza 026950	1280 First St., Gilroy, CA 95020		Shopping Center	G-C10	N	N
17	Industrial Commercials 516570	6310 Chestnut St., Gilroy, CA 95020		Light Ind. & Shopping (	G-C5	Y	Y
18	Industrial Park 516440	505 Mayock Rd., Gilroy, CA 95020		Industrial Park	G-C5	N	
19	K-Mart 514880	Chestnut Ave, Gilroy, CA 95020		Shopping Center	G-C10	N	
20	Launderland 519895	343-E Tenth St. #F, Gilroy, CA 95020	(408) 842 - 1854	Laundromat	G-C4	N	N
21	Launderland 021540	8098 Wren Ave, Gilroy, CA 95020	(408) 847 - 1030	Laundromat	G-C4	N	N
22	Light Industrial Park 519423	6600 Brem Lane, Gilroy, CA 95020		Machine Shops, Body S	G-C5	N	
23	Light Industrial Park ?	Eagle/Luchessa Ave, Gilroy, CA 95020		Industrial Park	G-C5	N	
24	Lucky's 514860	6906 Chestnut St., Gilroy, CA 95020	(408) 847 - 1062	Supermarket	G-C8	N	
25	McDonalds 263820	8390 Arroyo Circle, Gilroy, CA 95020	(408) 847 - 5446	Fast Food	G-C1	N	N
26	McDonalds 514760	6990 Chestnut St., Gilroy, CA 95020	(408) 842 - 7775	Fast Food	G-C1	N	
27	Michael Cain Car Wash 261840	7940 Monterey Rd., Gilroy, CA 95020	(408) 847 - 1730	Car Wash	G-C2	N	N
28	Outlet Mall Phase III 263761	8300 Camino Arroyo, Gilroy, CA 95020	(408) 842 - 3729	Shopping Centers	G-C10	Y	N
29 a year	Pink Elephant #3 516842	340E Tenth St., Gilroy, CA 95020	(408) 842 - 9168	Bakery	G-C7	N	
30	Premiere Autobody 261782	101 Leavesley Rd., Gilroy, CA 95020	(408) 848 - 3883	Autobody	G-C9	N	N
31	PW Market 514851	260 East Tenth, Gilroy, CA 95020	(408) 848 - 5277	Supermarket	G-C8	Y	N
32 a year	Residence 81280 2	235 Victoria, Gilroy, CA 95020		Residential	G-R2	N	N
33	Residence 014440	753 Alandra/Welburn, Gilroy, CA 95020		Residential	G-R3	N	N
34	Residence ?	Delta/Welburn, Gilroy, CA 95020		Residential	G-R4		
35	Safeway Market 021530	845 First St., Gilroy, CA 95020	(408) 842 - 0358	Supermarket	G-C8	N	N
36	Seed Systems 261942	8333 Swanston Lane, Gilroy, CA 95020	(408) 848 - 8120	ed Coating Produ	G-I4	N	N
37	ServiSoft 262010	8111 Swanston Lane, Gilroy, CA 95020	(408) 847 - 2277	Water Softener	G-I5	Y	N
38	Shell Service Station 260061	400 Leavesley Rd., Gilroy, CA 95020	(408) 842 - 5227	vice Station/Car W	G-C2	N	N
39	South County Chrysler 519670	6600 Chestnut St., Gilroy, CA 95020	(408) 842 - 8244	Auto Dealer	G-C9	N	N
40	South Valley Hospital 263471	9400 No Name UNO, Gilroy, CA 95020	(408) 848 - 2000	Hospital	G-I3		
41	South Valley Jr. High 271440	240 Swanston Lane, Gilroy, CA 95020	(408) 847 - 3377	Schools	G-C3	N	N
42	South Valley Medical Pavilion	9660 No Name UNO Ave, Gilroy, CA 95020		Medical Office Comp	G-C6	N	N
43	Tompkins Ct. ?	8900 Murray Ave., Gilroy, CA 95020		Light Ind. Park	G-C5	N	N
44	Village Car Wash 25372	8383 Church St., Gilroy, CA 95020		Car Wash	G-C2	N	N
45	Westwood Wash & Dry 772804	7960-G Westwood Ave., Gilroy, CA 95020	(408) 847 - 3222	Laundromat	G-C4	Y	N
46	Adams Ct. Light Industrial	Adams Ct./Sutter, Gilroy, CA 95020 Morgan Hill		Light Industrial	G-C5	N	
47	B.A.S. Sheetmetal Inc.	16170 Jacqueline Ct., Morgan Hill, CA 95027	(408) 779 - 5058	Metal Finishing	M-I2	N	N
48	Britton School	Keystone & Del Monte, Morgan Hill, CA 95027		School	M-C3		
49	Burger King	16025 Monterey Rd., Morgan Hill, CA 95027	(408) 778 - 1439	Fast Food	M-C1	N	
50	Residence	200 Burnett Ave., Morgan Hill, CA 95027		Residence	M-R5	Y	Y
51	Chevrolet	19490 Monterey Rd., Morgan Hill, CA 95027	(408) 779 - 5547	Auto Dealer	M-C9	N	
52	Church & Biscaglia	Church & Biscaglia, Morgan Hill, CA 95027		Light Industry	M-C5	N	
53	Central High School	17960 Monterey St., Morgan Hill, CA 95027	(408) 779 - 5244	School	M-C3	N	N
54	Claremont & Peak	440 Claremont, Morgan Hill, CA 95027		Residence	M-R1	N	
55	Cochrane Circle	Cochrane Rd., Morgan Hill, CA 95027		Shopping Center	M-C10	N	
56	15850 Concord Circle	15850 Concord Circle, Morgan Hill, CA 95027		Light Industrial	M-C5	N	
57	Corp Yard	105 Edeo, Morgan Hill, CA 95027	(408) 779 - 8322	Car Wash	M-C2	Y	Y
58	Del Monte & Foothill	160 Foothill, Morgan Hill, CA 95027		Residence	M-R2		
59	Dan Gamel	16725 Condit Rd., Morgan Hill, CA 95027	(408) 779 - 8220	Auto Dealer	M-C9	N	
60	Evergreen Park	370 W. Dunne, Morgan Hill, CA 95027	(408) 779 - 7391	Medical Complex	M-C6		
61	Good Samaritan Foundation	16130 Medical Center Dr., Morgan Hill, CA 95027	(408) 779 - 9992	Medical Center	M-C6	N	
62	Hale Medical	17705 Hale, Morgan Hill, CA 95027		Medical Center	M-C6	N	
63	Light Industrial	Cochrane Circle, Morgan Hill, CA 95027		Light Industrial	M-C5		

P:

.DATE 10 MAR 95 15:08:59 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 74 NAME: AZTLAN BAKERY & DELI
ACCOUNT#: 2224 WATER CODE : B
PREMISE : 7419 MONTEREY STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - 7.50

PERIOD ENDING	CONSUMPTION
950131	4
941231	8
941130	6
941031	6
940930	8
940831	9
940731	9
940630	8
940531	7
940430	9
940331	10
940228	6
940131	7
931231	7
931130	7
931031	8
930930	9
930831	8
930731	9
930630	7
930531	8
930430	9
930331	9
930228	8

..... END REPORT .....

.DATE 10 MAR 95 15:10:01 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 51 NAME: BOB LYNCH FORD *
ACCOUNT#: 5410 WATER CODE : E
PREMISE : 6290 MONTEREY STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - 15.42

PERIOD ENDING	CONSUMPTION
950131	18
941231	17
941130	15
941031	15
940930	14
940831	14
940731	16
940630	12
940531	15
940430	22
940331	15
940228	12
940131	14
931231	13
931130	12
931031	19
930930	13
930831	15
930731	18
930630	13
930531	11
930430	12
930331	13
930228	10

..... END REPORT .....

.DATE 10 MAR 95 15:12:23 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 26 NAME: BURGERKING 2555 SYDRAN FOOD SERVICES
ACCOUNT#: 0050 WATER CODE : G
PREMISE : 450 LEAVESLEY ROAD

LAST 12 MONTHS AVERAGE CONSUMPTION - 80.83

PERIOD ENDING	CONSUMPTION
950131	96
941231	91
941130	79
941031	88
940930	85
940831	105
940731	80
940630	82
940531	68
940430	73
940331	65
940228	58
940131	53
931231	59
931130	70
931031	68
930930	0
930831	0
930731	0
930630	8
930531	68
930430	78
930331	51
930228	73

..... END REPORT .....

.DATE 10 MAR 95 15:13:21 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 26 NAME: SIMMEX REST. CHEVYS INC., (GIL)
ACCOUNT#: 3700 WATER CODE : D
PREMISE : 8440 MURRAY AVENUE

LAST 12 MONTHS AVERAGE CONSUMPTION - 165.83

PERIOD ENDING	CONSUMPTION
950131	177
941231	161
941130	144
941031	171
940930	156
940831	199
940731	172
940630	178
940531	158
940430	177
940331	156
940228	141
940131	154
931231	153
931130	162
931031	207
930930	177
930831	213
930731	184
930630	160
930531	184
930430	161
930331	174
930228	130

..... END REPORT .....

.DATE 10 MAR 95 15:17:43 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 26 NAME: DENNY'S RESTAURANT #392
ACCOUNT#: 0270 WATER CODE : E
PREMISE : 8425 SAN YSIDRO AVE

LAST 12 MONTHS AVERAGE CONSUMPTION - 218.75

PERIOD ENDING	CONSUMPTION
950131	201
941231	175
941130	246
941031	259
940930	236
940831	361
940731	311
940630	181
940531	220
940430	180
940331	139
940228	116
940131	137
931231	126
931130	175
931031	209
930930	246
930831	229
930731	355
930630	224
930531	239
930430	161
930331	156
930228	125

..... END REPORT .....

.DATE 10 MAR 95 15:19:42 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 26 NAME: DUSAN EQUIPMENT CORPORATION
ACCOUNT#: 0180 WATER CODE : E
PREMISE : 8100 ARROYO CIRCLE

LAST 12 MONTHS AVERAGE CONSUMPTION - 61.67

PERIOD ENDING	CONSUMPTION
950131	20
941231	18
941130	24
941031	25
940930	46
940831	103
940731	87
940630	101
940531	62
940430	81
940331	83
940228	90
940131	111
931231	95
931130	81
931031	112
930930	114
930831	112
930731	117
930630	95
930531	109
930430	115
930331	117
930228	138

..... END REPORT .....

.DATE 10 MAR 95 15:20:50 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 76 NAME: EL CHARRITO /ALFONSO
ACCOUNT#: 3420 WATER CODE : B
PREMISE : 7638 MONTEREY STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - 13.42

PERIOD ENDING	CONSUMPTION
950131	10
941231	34
941130	12
941031	12
940930	11
940831	13
940731	15
940630	9
940531	11
940430	11
940331	12
940228	11
940131	13
931231	35
931130	13
931031	13
930930	15
930831	14
930731	15
930630	11
930531	14
930430	16
930331	17
930228	15

..... END REPORT .....

.DATE 10 MAR 95 15:21:56 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 02 NAME: GILROY CAR WASH /TSAI
ACCOUNT#: 1580 WATER CODE : E
PREMISE : 951 FIRST STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - 42.83

PERIOD ENDING	CONSUMPTION
950131	12
941231	42
941130	25
941031	49
940930	61
940831	60
940731	53
940630	49
940531	41
940430	37
940331	54
940228	31
940131	45
931231	58
931130	58
931031	69
930930	59
930831	59
930731	74
930630	59
930531	65
930430	75
930331	56
930228	21

..... END REPORT .....

.DATE 10 MAR 95 15:22:56 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 51 NAME: GAYLORD CONTAINERS
ACCOUNT#: 5510 WATER CODE : G
PREMISE : 6400 JAMIESON WAY

LAST 12 MONTHS AVERAGE CONSUMPTION - 669.17

PERIOD ENDING	CONSUMPTION
950131	232
941231	291
941130	402
941031	784
940930	949
940831	917
940731	999
940630	883
940531	792
940430	678
940331	627
940228	476
940131	556
931231	546
931130	652
931031	575
930930	1061
930831	1109
930731	1130
930630	932
930531	1104
930430	730
930331	452
930228	700

..... END REPORT .....

.DATE 10 MAR 95 15:30:46 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 51 NAME: GOLDEN WEST PANCAKES
ACCOUNT#: 4940 WATER CODE : D
PREMISE : 840 PACHECO PASS HW

LAST 12 MONTHS AVERAGE CONSUMPTION - 127.33

PERIOD ENDING	CONSUMPTION
950131	134
941231	99
941130	82
941031	154
940930	191
940831	171
940731	144
940630	139
940531	106
940430	101
940331	123
940228	84
940131	186
931231	182
931130	131
931031	143
930930	137
930831	160
930731	199
930630	156
930531	181
930430	162
930331	138
930228	111

..... END REPORT .....

.DATE 10 MAR 95 15:39:42 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 51 NAME: TRINIE MARTIN RECYCLING INC
ACCOUNT#: 5546 WATER CODE : C
PREMISE : 6310 CHESTNUT STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - . 5.17

PERIOD ENDING	CONSUMPTION
950131	2
941231	1
941130	2
941031	4
940930	9
940831	9
940731	12
940630	8
940531	5
940430	4
940331	4
940228	2
940131	2
931231	1
931130	2
931031	2
930930	4
930831	3
930731	4
930630	2
930531	2
930430	1
930331	2
930228	1

..... END REPORT .....

.DATE 10 MAR 95 16:25:49 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 51 NAME: SIMONSEN DEVELOPMENT
ACCOUNT#: 6640 WATER CODE : E
PREMISE : 505 MAYOCK ROAD

LAST 12 MONTHS AVERAGE CONSUMPTION - 18.33

PERIOD ENDING	CONSUMPTION
950131	14
941231	21
941130	18
941031	18
940930	20
940831	22
940731	22
940630	25
940531	17
940430	18
940331	13
940228	12
940131	11
931231	19
931130	14
931031	16
930930	17
930831	19
930731	21
930630	19
930531	22
930430	29
930331	19
930228	22

..... END REPORT .....

.DATE 10 MAR 95 15:40:52 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 51 NAME: K-MART #7252 DISCOUNT STORE
ACCOUNT#: 4880 WATER CODE : E
PREMISE : 6900 CHESTNUT STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - 63.08

PERIOD ENDING	CONSUMPTION
950131	34
941231	47
941130	60
941031	61
940930	71
940831	67
940731	74
940630	80
940531	81
940430	74
940331	72
940228	36
940131	58
931231	72
931130	56
931031	85
930930	85
930831	160
930731	149
930630	120
930531	131
930430	165
930331	320
930228	260

..... END REPORT .....

.DATE 10 MAR 95 15:42:11 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 51 NAME: R J ENTERPRISES
ACCOUNT#: 9895 WATER CODE : E
PREMISE : 343 EAST TENTH ST

LAST 12 MONTHS AVERAGE CONSUMPTION - 315.08

PERIOD ENDING	CONSUMPTION
950131	292
941231	341
941130	327
941031	329
940930	351
940831	326
940731	325
940630	272
940531	301
940430	295
940331	328
940228	294
940131	298
931231	322
931130	299
931031	334
930930	313
930831	332
930731	378
930630	323
930531	172

..... END REPORT .....

.DATE 10 MAR 95 15:43:27 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 02 NAME: NAUERT, J. LANE, R.
ACCOUNT#: 1510 WATER CODE : E
PREMISE : 8049 WREN AVENUE

LAST 12 MONTHS AVERAGE CONSUMPTION - 300.92

PERIOD ENDING	CONSUMPTION
950131	297
941231	334
941130	316
941031	295
940930	316
940831	311
940731	338
940630	273
940531	297
940430	269
940331	305
940228	260
940131	274
931231	292
931130	263
931031	301
930930	277
930831	268
930731	306
930630	240
930531	259
930430	261
930331	254
930228	240

..... END REPORT .....

.DATE 10 MAR 95 15:44:12 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 51 NAME: S.R.S/BREM ASSOCIATES
ACCOUNT#: 9923 WATER CODE : C
PREMISE : 6600 BREM LANE

LAST 12 MONTHS AVERAGE CONSUMPTION - 5.08

PERIOD ENDING	CONSUMPTION
950131	5
941231	5
941130	3
941031	5
940930	3
940831	5
940731	6
940630	5
940531	7
940430	4
940331	8
940228	5
940131	5
931231	5
931130	5
931031	7
930930	8
930831	6
930731	6
930630	5
930531	4
930430	5
930331	5
930228	4

..... END REPORT .....

.DATE 10 MAR 95 15:45:09 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 51 NAME: LUCKYS MARKET #118
ACCOUNT#: 4860 WATER CODE : D
PREMISE : 6906 CHESTNUT STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - 122.00

PERIOD ENDING	CONSUMPTION
950131	114
941231	134
941130	115
941031	122
940930	134
940831	141
940731	131
940630	117
940531	131
940430	107
940331	121
940228	97
940131	106
931231	105
931130	88
931031	104
930930	114
930831	136
930731	123
930630	113
930531	111
930430	106
930331	95
930228	85

..... END REPORT .....

.DATE 10 MAR 95 15:47:10 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 26 NAME: MC DONALDS RESTAURANT
ACCOUNT#: 3820 WATER CODE : E
PREMISE : 8390 ARROYO CIRCLE

LAST 12 MONTHS AVERAGE CONSUMPTION - 75.17

PERIOD ENDING	CONSUMPTION
950131	62
941231	70
941130	69
941031	73
940930	74
940831	108
940731	88
940630	72
940531	75
940430	80
940331	72
940228	59
940131	71
931231	75
931130	72
931031	71
930930	72
930831	101
930731	0
930630	0

..... END REPORT .....

.DATE 10 MAR 95 15:50:44 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 51 NAME: MC DONALDS RESTAURANT
ACCOUNT#: 4760 WATER CODE : E
PREMISE : 6990 CHESTNUT STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - 65.83

PERIOD ENDING	CONSUMPTION
950131	51
941231	73
941130	54
941031	58
940930	73
940831	65
940731	82
940630	61
940531	68
940430	71
940331	73
940228	61
940131	64
931231	74
931130	75
931031	70
930930	72
930831	82
930731	92
930630	71
930531	84
930430	90
930331	68
930228	63

..... END REPORT .....

.DATE 10 MAR 95 15:51:55 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 26 NAME: MICHAELS CAR WASH
ACCOUNT#: 1840 WATER CODE : C
PREMISE : 7940 MONTEREY STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - 33.33

PERIOD ENDING	CONSUMPTION
950131	23
941231	30
941130	27
941031	42
940930	43
940831	52
940731	39
940630	36
940531	33
940430	29
940331	30
940228	16
940131	27
931231	20
931130	24
931031	26
930930	32
930831	34
930731	37
930630	28
930531	26
930430	20
930331	22
930228	14

..... END REPORT .....

.DATE 10 MAR 95 15:52:51 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 26 NAME: HOCLP GILROY
ACCOUNT#: 3761 WATER CODE : F
PREMISE : 8300 ARROYO CIRCLE

LAST 12 MONTHS AVERAGE CONSUMPTION - 122.50

PERIOD ENDING	CONSUMPTION
950131	97
941231	126
941130	120
941031	116
940930	125
940831	184
940731	138
940630	111
940531	118
940430	118
940331	114
940228	103
940131	116
931231	132
931130	106

..... END REPORT .....

.DATE 10 MAR 95 15:55:55 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 26 NAME: PREMIER AUTO BODY/ DELGADO
ACCOUNT#: 1782 WATER CODE : D
PREMISE : 101 LEAVESLEY

LAST 12 MONTHS AVERAGE CONSUMPTION - 13.00

PERIOD ENDING	CONSUMPTION
950131	22
941231	20
941130	11
941031	10
940930	8
940831	9
940731	9
940630	10
940531	11
940430	13
940331	19
940228	14
940131	16
931231	11
931130	10
931031	10
930930	10
930831	26
930731	12
930630	9
930531	8
930430	10
930331	17
930228	16

..... END REPORT .....

.DATE 10 MAR 95 15:57:05 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 51 NAME: P.W. MARKET
ACCOUNT#: 6851 WATER CODE : E
PREMISE : 260-C TENTH STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - 189.42

PERIOD ENDING	CONSUMPTION
950131	199
941231	256
941130	231
941031	271
940930	262
940831	175
940731	166
940630	174
940531	140
940430	129
940331	151
940228	119
940131	125
931231	142
931130	131
931031	171
930930	179
930831	194
930731	180
930630	167
930531	155
930430	149
930331	136
930228	104

..... END REPORT .....

.DATE 10 MAR 95 16:04:28 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 01 NAME: DONALD DOTY
ACCOUNT#: 4460 WATER CODE : B
PREMISE : 753 LA ALONDRA WAY

LAST 12 MONTHS AVERAGE CONSUMPTION - 8.83

PERIOD ENDING	CONSUMPTION
950131	4
941231	3
941130	3
941031	10
940930	17
940831	14
940731	18
940630	12
940531	11
940430	8
940331	3
940228	3
940131	6
931231	3
931130	5
931031	13
930930	14
930831	15
930731	15
930630	14
930531	9
930430	6
930331	4
930228	2

..... END REPORT .....

.DATE 10 MAR 95 16:05:35 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 02 NAME: V # 258008 SAFEWAY #311
ACCOUNT#: 1530 WATER CODE : E
PREMISE : 845 FIRST STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - 16.75

PERIOD ENDING	CONSUMPTION
950131	16
941231	17
941130	15
941031	15
940930	16
940831	21
940731	17
940630	17
940531	18
940430	17
940331	18
940228	14
940131	18
931231	21
931130	26
931031	30
930930	27
930831	25
930731	30
930630	24
930531	22
930430	25
930331	21
930228	16

..... END REPORT .....

.DATE 10 MAR 95 16:08:27 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 26 NAME: SEED SYSTEMS INC
ACCOUNT#: 1942 WATER CODE : D
PREMISE : 8333 SWANSTON LANE

LAST 12 MONTHS AVERAGE CONSUMPTION - 33.00

PERIOD ENDING	CONSUMPTION
950131	66
941231	40
941130	20
941031	18
940930	16
940831	21
940731	19
940630	21
940531	20
940430	37
940331	51
940228	67
940131	54
931231	27
931130	22
931031	44
930930	14
930831	13
930731	10
930630	11
930531	12
930430	22
930331	68
930228	57

..... END REPORT .....

.DATE 10 MAR 95 16:14:02 REPORT GENERATION JRHQ

CUSTOMER WATER CONSUMPTION

ROUTE : 26 NAME: SERVISOFT WATER CONDITIONING
ACCOUNT#: 2010 WATER CODE : B
PREMISE : 8111 SWANSTON LANE

LAST 12 MONTHS AVERAGE CONSUMPTION - 0.92

PERIOD ENDING	CONSUMPTION
950131	1
941231	0
941130	1
941031	1
940930	4
940831	0
940731	1
940630	1
940531	0
940430	1
940331	0
940228	1
940131	0
931231	1
931130	0
931031	1
930930	1
930831	1
930731	2
930630	1
930531	1
930430	0
930331	1
930228	1

..... END REPORT .....

.DATE 10 MAR 95 16:15:20 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 26 NAME: C & J COX CORP GILROY SHELL
ACCOUNT#: 0061 WATER CODE : D
PREMISE : 400 LEAVESLEY ROAD

LAST 12 MONTHS AVERAGE CONSUMPTION - 85.17

PERIOD ENDING	CONSUMPTION
950131	43
941231	55
941130	53
941031	81
940930	99
940831	100
940731	131
940630	78
940531	57
940430	85
940331	160
940228	80
940131	81
931231	118
931130	109
931031	127
930930	135
930831	147
930731	86
930630	110
930531	127
930430	171
930331	119
930228	102

..... END REPORT .....

.DATE 10 MAR 95 16:21:22 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 25 NAME: GILROY VILLAGE WASH/TSAI
ACCOUNT#: 3722 WATER CODE : E
PREMISE : 8383 CHURCH STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - 35.58

PERIOD ENDING	CONSUMPTION
950131	18
941231	28
941130	19
941031	40
940930	36
940831	48
940731	42
940630	45
940531	40
940430	36
940331	53
940228	22
940131	45
931231	30
931130	39
931031	42
930930	51
930831	57
930731	54
930630	46
930531	55
930430	54
930331	51
930228	24

..... END REPORT .....

.DATE 10 MAR 95 16:22:39 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 77 NAME: WESTWOOD WASH & DRY
ACCOUNT#: 2004 WATER CODE : E
PREMISE : 7960-F WESTWOOD DRIVE

LAST 12 MONTHS AVERAGE CONSUMPTION - 150.92

PERIOD ENDING	CONSUMPTION
950131	165
941231	141
941130	148
941031	164
940930	154
940831	162
940731	135
940630	117
940531	131
940430	168
940331	173
940228	153
940131	186
931231	159
931130	148
931031	148
930930	129
930831	128
930731	109
930630	91
930531	133
930430	92
930331	98
930228	92

..... END REPORT .....

.DATE 10 MAR 95 15:16:42 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 51 NAME: CINTAS CORP
ACCOUNT#: 5121 WATER CODE : F
PREMISE : 934 HOLLOWAY

LAST 12 MONTHS AVERAGE CONSUMPTION - 824.75

PERIOD ENDING	CONSUMPTION
950131	811
941231	899
941130	836
941031	920
940930	871
940831	935
940731	831
940630	738
940531	780
940430	753
940331	819
940228	704
940131	798
931231	776
931130	772
931031	876
930930	789
930831	833
930731	847
930630	1286
930531	640
930430	640
930331	675
930228	552

..... END REPORT .....

.DATE 10 MAR 95 16:19:29 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 27 NAME: SOUTH VALLEY JUNIOR HIGH
ACCOUNT#: 1490 WATER CODE : G
PREMISE : * FOREST STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - 798.83

PERIOD ENDING	CONSUMPTION
950131	113
941231	122
941130	244
941031	683
940930	1296
940831	1556
940731	1903
940630	1236
940531	823
940430	633
940331	791
940228	186
940131	282
931231	208
931130	564
931031	975
930930	1469
930831	1803
930731	1635
930630	1134
930531	1140
930430	763
930331	313
930228	219

..... END REPORT .....

.DATE 10 MAR 95 16:20:30 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 27 NAME: SOUTH VALLEY JUNIOR HIGH
ACCOUNT#: 1510 WATER CODE : G
PREMISE : * I.O.O.F. AVENUE

LAST 12 MONTHS AVERAGE CONSUMPTION - . 67.42

PERIOD ENDING	CONSUMPTION
950131	10
941231	20
941130	43
941031	254
940930	58
940831	0
940731	0
940630	35
940531	179
940430	101
940331	106
940228	3
940131	0
931231	0
931130	1
931031	261
930930	348
930831	511
930731	688
930630	360
930531	310
930430	111
930331	21
930228	12

..... END REPORT .....

.DATE 10 MAR 95 15:37:40 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 02 NAME: HECKER PASS PLAZA INVESTORS
ACCOUNT#: 5980 WATER CODE : E
PREMISE : 1230-B FIRST STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - 8.33

PERIOD ENDING	CONSUMPTION
950131	10
941231	9
941130	9
941031	10
940930	10
940831	9
940731	8
940630	6
940531	7
940430	8
940331	8
940228	6
940131	10
931231	10
931130	9
931031	10
930930	9
930831	10
930731	10
930630	8
930531	9
930430	9
930331	10
930228	21

..... END REPORT .....

.DATE 10 MAR 95 15:33:05 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 02 NAME: HECKER PASS PLAZA INVESTORS
ACCOUNT#: 5910 WATER CODE : E
PREMISE : 1230-B FIRST STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - 75.83

PERIOD ENDING	CONSUMPTION
950131	1
941231	169
941130	101
941031	112
940930	113
940831	122
940731	110
940630	104
940531	78
940430	0
940331	0
940228	0
940131	0
931231	51
931130	105
931031	111
930930	111
930831	120
930731	115
930630	105
930531	117
930430	63
930331	37
930228	0

..... END REPORT .....

.DATE 10 MAR 95 15:31:42 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 02 NAME: HECKER PASS PLAZA INVESTORS
ACCOUNT#: 5950 WATER CODE : E
PREMISE : 1280-D FIRST STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - 6.67

PERIOD ENDING	CONSUMPTION
950131	9
941231	8
941130	9
941031	9
940930	9
940831	10
940731	9
940630	10
940531	7
940430	0
940331	0
940228	0
940131	0
931231	0
931130	0
931031	0
930930	0
930831	0
930731	0
930630	0
930531	0
930430	1
930331	0
930228	0

..... END REPORT .....

.DATE 10 MAR 95 15:34:05 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 02 NAME: HECKER PASS PLAZA INVESTORS
ACCOUNT#: 5920 WATER CODE : E
PREMISE : 1360-B FIRST STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - 16.33

PERIOD ENDING	CONSUMPTION
950131	12
941231	12
941130	12
941031	17
940930	16
940831	19
940731	18
940630	23
940531	15
940430	19
940331	18
940228	15
940131	18
931231	16
931130	16
931031	19
930930	18
930831	21
930731	22
930630	21
930531	22
930430	20
930331	21
930228	13

..... END REPORT .....

.DATE 10 MAR 95 15:35:21 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 02 NAME: HECKER PASS PLAZA INVESTORS
ACCOUNT#: 5930 WATER CODE : E
PREMISE : 1340-F FIRST STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - 31.25

PERIOD ENDING	CONSUMPTION
950131	23
941231	20
941130	23
941031	31
940930	31
940831	35
940731	32
940630	40
940531	37
940430	33
940331	38
940228	32
940131	30
931231	25
931130	30
931031	55
930930	58
930831	153
930731	126
930630	49
930531	45
930430	41
930331	46
930228	31

..... END REPORT .....

.DATE 10 MAR 95 15:36:16 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 02 NAME: THE SPORTS CONNECTION
ACCOUNT#: 5941 WATER CODE : E
PREMISE : 1300-E FIRST STREET

LAST 12 MONTHS AVERAGE CONSUMPTION - 36.92

PERIOD ENDING	CONSUMPTION
950131	37
941231	36
941130	33
941031	45
940930	36
940831	40
940731	35
940630	34
940531	38
940430	36
940331	36
940228	37
940131	44
931231	36
931130	39
931031	49
930930	41
930831	39
930731	42
930630	33
930531	39
930430	40
930331	40
930228	26

..... END REPORT .....

.DATE 10 MAR 95 15:28:50 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 76 NAME: GLENVIEW SCHOOL
ACCOUNT#: 4200 WATER CODE : E
PREMISE : 600 WEST EIGHTH ST

LAST 12 MONTHS AVERAGE CONSUMPTION - 255.42

PERIOD ENDING	CONSUMPTION
950131	7
941231	5
941130	46
941031	248
940930	457
940831	543
940731	663
940630	640
940531	149
940430	147
940331	138
940228	22
940131	22
931231	6
931130	113
931031	279
930930	432
930831	577
930731	577
930630	254
930531	369
930430	117
930331	11
930228	5

..... END REPORT .....

.DATE 10 MAR 95 15:29:42 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 76 NAME: GLENVIEW SCHOOL
ACCOUNT#: 5330 WATER CODE : G
PREMISE : 800 WEST EIGHTH ST

LAST 12 MONTHS AVERAGE CONSUMPTION - 93.83

PERIOD ENDING	CONSUMPTION
950131	91
941231	27
941130	34
941031	89
940930	85
940831	97
940731	110
940630	146
940531	119
940430	126
940331	108
940228	94
940131	63
931231	52
931130	95
931031	141
930930	144
930831	213
930731	189
930630	113
930531	126
930430	76
930331	65
930228	42

..... END REPORT .....

.DATE 10 MAR 95 15:25:45 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 77 NAME: GILROY MEDICAL PARK
ACCOUNT#: 9600 WATER CODE : E
PREMISE : 7880-A WREN AVENUE

LAST 12 MONTHS AVERAGE CONSUMPTION - 107.17

PERIOD ENDING	CONSUMPTION
950131	22
941231	22
941130	38
941031	106
940930	147
940831	227
940731	264
940630	168
940531	145
940430	89
940331	47
940228	11
940131	15
931231	22
931130	45
931031	69
930930	143
930831	151
930731	178
930630	104
930531	110
930430	76
930331	60
930228	41

..... END REPORT .....

.DATE 10 MAR 95 15:26:38 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 77 NAME: GILROY MEDICAL PARK
ACCOUNT#: 9610 WATER CODE : E
PREMISE : 7880-B WREN AVENUE

LAST 12 MONTHS AVERAGE CONSUMPTION - 134.08

PERIOD ENDING	CONSUMPTION
950131	33
941231	40
941130	54
941031	126
940930	171
940831	259
940731	298
940630	193
940531	169
940430	120
940331	80
940228	66
940131	107
931231	52
931130	76
931031	106
930930	195
930831	206
930731	243
930630	147
930531	149
930430	106
930331	23
930228	13

..... END REPORT .....

.DATE 10 MAR 95 15:27:44 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 77 NAME: GILROY MEDICAL PARK
ACCOUNT#: 9620 WATER CODE : E
PREMISE : 7880-C WREN AVENUE

LAST 12 MONTHS AVERAGE CONSUMPTION - 124.50

PERIOD ENDING	CONSUMPTION
950131	33
941231	34
941130	49
941031	112
940930	153
940831	235
940731	272
940630	175
940531	153
940430	111
940331	93
940228	74
940131	107
931231	55
931130	77
931031	109
930930	185
930831	192
930731	223
930630	137
930531	144
930430	80
930331	61
930228	45

..... END REPORT .....

.DATE 10 MAR 95 15:23:49 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 85 NAME: GILROY HIGH SCHOOL
ACCOUNT#: 3950 WATER CODE : G
PREMISE : TENTH PRINCEVALLE

LAST 12 MONTHS AVERAGE CONSUMPTION - 1,495.08

PERIOD ENDING	CONSUMPTION
950131	99
941231	138
941130	528
941031	1899
940930	2197
940831	3623
940731	3936
940630	2649
940531	1513
940430	1030
940331	257
940228	72
940131	102
931231	91
931130	608
931031	1149
930930	2108
930831	3100
930731	2925
930630	1986
930531	1456
930430	619
930331	129
930228	67

..... END REPORT .....

.DATE 10 MAR 95 15:24:45 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 85 NAME: GILROY HIGH SCHOOL
ACCOUNT#: 4340 WATER CODE : G
PREMISE : 0 WEST TENTH ST

LAST 12 MONTHS AVERAGE CONSUMPTION - 1290.08

PERIOD ENDING	CONSUMPTION
950131	141
941231	119
941130	481
941031	1430
940930	1649
940831	2755
940731	2984
940630	2795
940531	1665
940430	1046
940331	321
940228	95
940131	121
931231	97
931130	680
931031	1276
930930	2608
930831	3614
930731	3510
930630	2349
930531	1597
930430	678
930331	172
930228	91

..... END REPORT .....

.DATE 10 MAR 95 15:15:34 REPORT GENERATION JRMQ

CUSTOMER WATER CONSUMPTION

ROUTE : 51 NAME: CINTAS CORPORATION
ACCOUNT#: 5116 WATER CODE : E
PREMISE : 924 HOLLOWAY ROAD

LAST 12 MONTHS AVERAGE CONSUMPTION - 17.17

PERIOD ENDING	CONSUMPTION
950131	13
941231	18
941130	20
941031	23
940930	14
940831	37
940731	14
940630	13
940531	14
940430	12
940331	13
940228	15
940131	12
931231	12
931130	12
931031	13
930930	11
930831	10
930731	13
930630	14
930531	12
930430	31
930331	34
930228	25

..... END REPORT .....

Appendix E

APPENDIX E

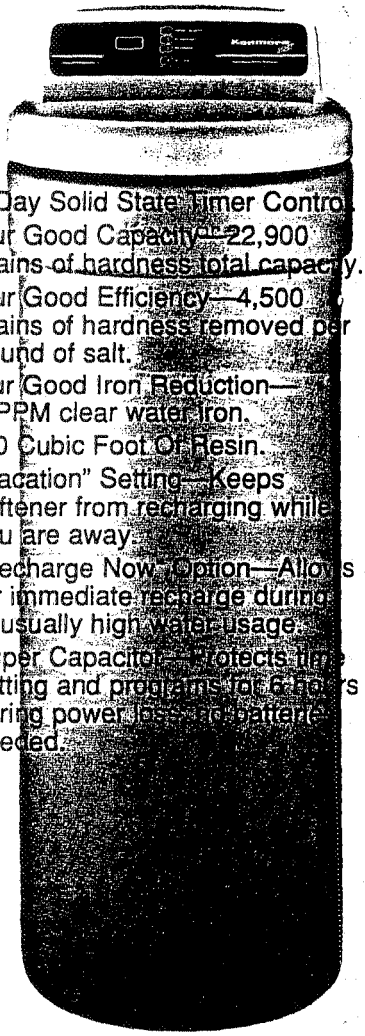
Water Softener Information

INTRODUCING SEARS NEW LINE OF WATER SOFTENERS . . . THERE'S NEVER BEEN A BETTER TIME TO OWN A KENMORE!

REDESIGNED WITH YOU IN MIND . . .
CONTEMPORARY, FUNCTIONAL STYLING • CONVENIENT SINGLE TANK CONSTRUCTION
LARGE SALT STORAGE CAPACITY • SOLID STATE ELECTRONICS FOR DEPENDABLE PERFORMANCE

4234834

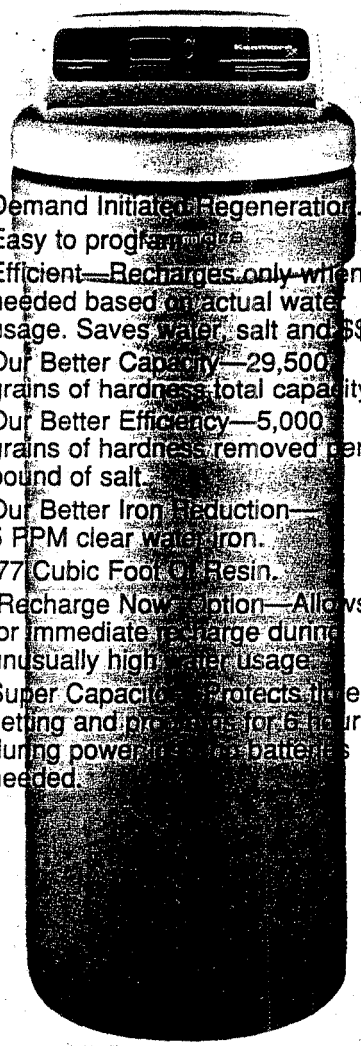
Kenmore SST



- 7 Day Solid State Timer Control.
- Our Good Capacity—22,900 grains of hardness total capacity.
- Our Good Efficiency—4,500 grains of hardness removed per pound of salt.
- Our Good Iron Reduction—3 PPM clear water iron.
- .60 Cubic Foot Of Resin.
- "Vacation" Setting—Keeps softener from recharging while you are away.
- "Recharge Now" Option—Allows for immediate recharge during unusually high water usage.
- Super Capacitor—Protects time setting and programs for 6 hours during power loss; no batteries needed.

4234844

Kenmore DIR

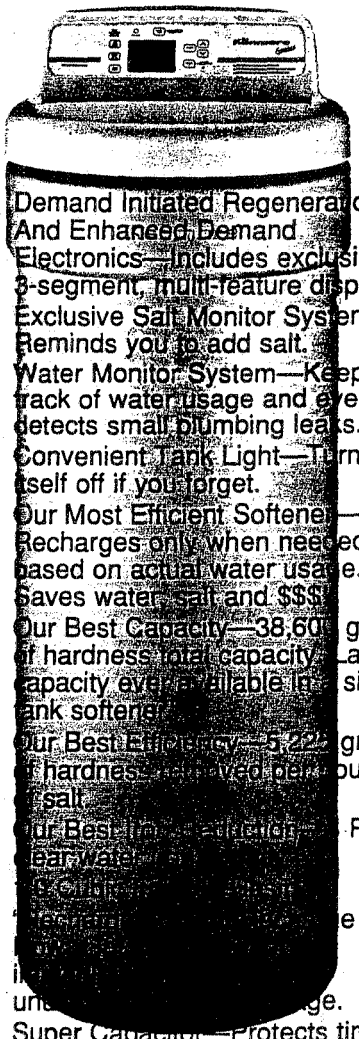


- Demand Initiated Regeneration.
- Easy to program.
- Efficient—Recharges only when needed based on actual water usage. Saves water, salt and $$$!
- Our Better Capacity—29,500 grains of hardness total capacity.
- Our Better Efficiency—5,000 grains of hardness removed per pound of salt.
- Our Better Iron Reduction—5 PPM clear water iron.
- .77 Cubic Foot Of Resin.
- "Recharge Now" Option—Allows for immediate recharge during unusually high water usage.
- Super Capacitor—Protects time setting and programs for 6 hours during power loss; no batteries needed.

4234854

The Kenmore Genius

OUR BEST WATER SOFTENER EVER!



- Demand Initiated Regeneration And Enhanced Demand.
- Electronics—Includes exclusive 3-segment, multi-feature display.
- Exclusive Salt Monitor System—Reminds you to add salt.
- Water Monitor System—Keeps track of water usage and even detects small plumbing leaks.
- Convenient Tank Light—Turns itself off if you forget.
- Our Most Efficient Softener—Recharges only when needed based on actual water usage. Saves water, salt and $$$!
- Our Best Capacity—38,600 grains of hardness total capacity. Largest capacity ever available in a single tank softener.
- Our Best Efficiency—5,222 grains of hardness removed per pound of salt.
- Our Best Iron Reduction—[illegible] PPM clear water iron.
- [illegible]
- [illegible]
- Super Capacitor—Protects time setting for 24 hours during power loss; programs and data are maintained permanently. No batteries needed.

All units have an adjustable recharge time and 24-Volt Power Transformer.

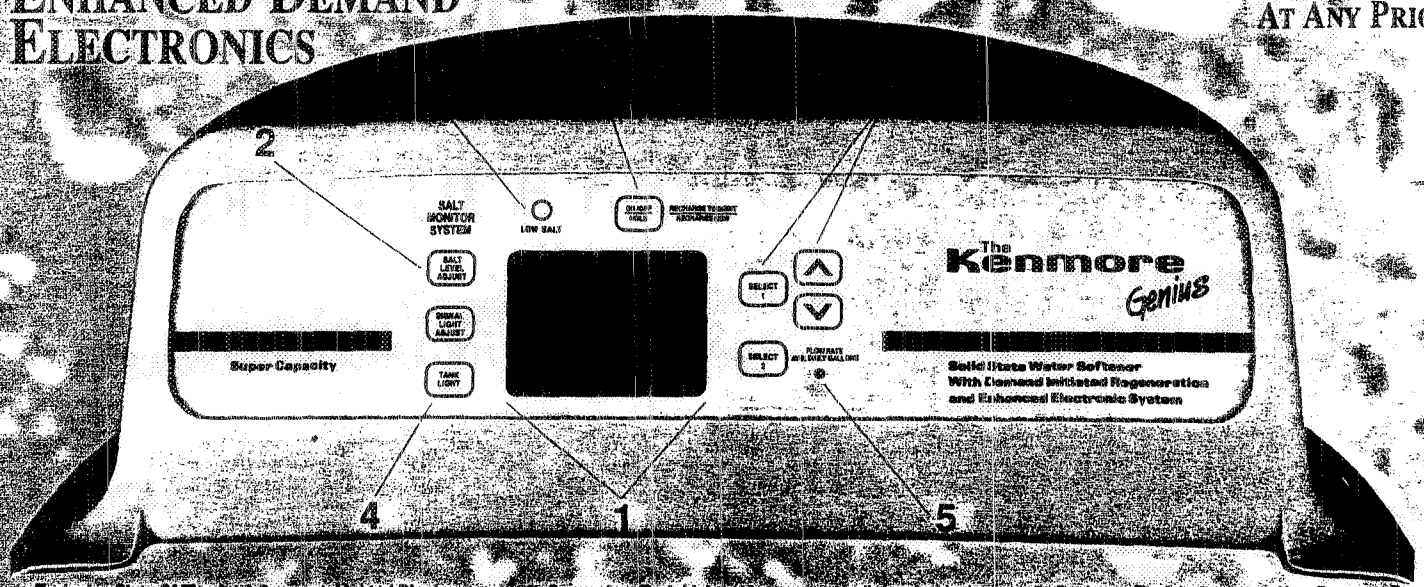
Kenmore . . . OVER 30 YEARS OF WATER TREATMENT EXPERIENCE, A COMPLETE LINE OF SOLUTIONS FOR MOST WATER PROBLEMS.

FREE WATER ANALYSIS—CALL OUR SEARS WATER LINE 1-800-426-9345

PROFESSIONAL INSTALLATION/NATIONWIDE SERVICE—WARRANTY

The Kenmore Genius Enhanced Demand Electronics

You Can't Find These Features On Any Other Water Softener... At Any Price!



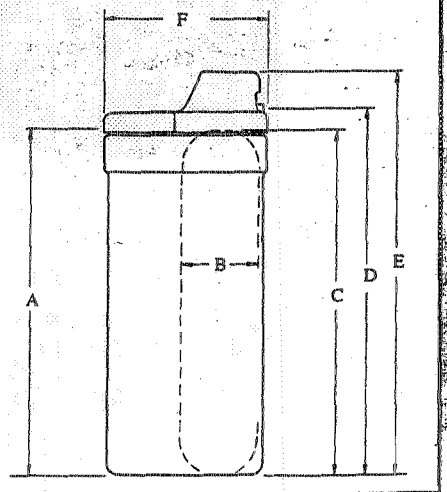
1. **Exclusive State Of The Art 3-Segment, Lighted Display**—All new control panel allows you flexibility and ease in programming. It tracks your salt and water usage and can detect even small leaks in your plumbing system. Retains settings even during power outages.
2. **Exclusive Salt Monitor System**—Adjustable, simply enter level when you add salt. The salt monitor tracks your usage and displays the current salt level.
3. **Low Salt Indicator**—Low salt light lets you know when you are running low. Helps prevent loss of soft water to your home.
4. **Convenient Tank Light**—Allows you to easily see inside the tank and set salt level.
5. **Water Use Monitor System**—You receive the highest salt and water efficiencies because of our adaptive algorithm program. It gathers and maintains water usage and patterns to predict the softeners regeneration needs. It knows when to regenerate, how much salt to use and how much water. In fact, the longer the unit is in use, the smarter ... more efficient ... it gets, because it learns more about your water habits! Display either flow rate (can help detect plumbing leaks) or average daily soft water use.
6. **Recharge Tonight/Recharge Now Features For Times Of Exceptionally Heavy Water Use**—Unexpected guests? Lots of laundry after a vacation? This feature allows you to compensate for the unexpected and assures continuous soft water with just a touch of a button.
7. **Easy To Program Electronic Touch Controls**—A few touches of buttons and your softener is programmed and ready to begin supplying soft water to your home.

Kenmore Water Softeners Quick Facts and Dimensions Chart

Kenmore Solid State Automatic Water Softeners— MODEL NAME AND NUMBER		SST 34834	DIR 34844	GENIUS 34854
TYPE		Single Tank	Single Tank	Single Tank
CONTROLLER		Solid State Timer	Electronic Demand Initiated Regeneration	Enhanced Electronic Demand Initiated Regeneration
MAXIMUM HARDNESS REMOVAL/GALLON		70 GPG	90 GPG	110 GPG
MAXIMUM CAPACITY (Grains of Hardness Removed)		22,900	29,500	38,600
MAXIMUM SALT EFFICIENCY (Grains of Hardness Removed per Pound of Salt)		4,500	5,000	5,225
CLEAR WATER IRON REMOVAL Maximum Parts Per Million (PPM)		3.0	5.0	8.0
HIGH CAPACITY RESIN (cu. ft.)		.60	.77	1.0
SALT STORAGE CAPACITY (lbs.)		200	200	200
SHIPPING WEIGHT (lbs.)		80	90	100
WATER PRESSURE LIMITS (PSI)		20-120	20-120	20-120
MAX. WATER TEMP. (F°)		120	120	120
ELECTRICAL RATINGS		24V 60Hz	24V 60Hz	24V 60Hz
WARRANTY	Parts & Service	1	1	1
	Electronics	1	1	3
	Resin & Brine Tank	10	10	10
RATED SERVICE FLOW (gal./min.)		8	8	9

DIMENSIONS	INCHES	CM
A Salt Tank Height	40 1/4	102.2
*B Resin Tank Diameter (nominal)	8	20.3
C Resin Tank Height (nominal)	40	101.6
D Inlet-Outlet Height	41 1/2	105.4
Distance Between Inlet-Outlet Center Lines	3 3/8	8.6
E Overall Height	46	116.8
F_1 Length	19 1/2	49.5
F_2 Width	16 1/2	41.9

*The Resin Tank Diameter for the 42-34854, The Kenmore Genius, is 9 inches.



Appendix F

APPENDIX F

Best Management Practices

Chemical Control Division
7070 CHESTNUT STREET
GILROY, CALIFORNIA 95020
(408) 848-0370
Fax (408) 848-0379

PRETREATMENT REQUIREMENTS FOR MEDICAL AND DENTAL BUSINESSES

Medical and Dental facilities that provide x-ray services including film processing equipment, labs, and/or darkrooms must provide for the treatment and proper disposal of spent fixer, developer solutions and rinse wastewaters.

Spent solutions can be treated with a silver recovery system and/or the waste must be hauled off-site by a licensed waste hauler.

Liquid waste which includes film rinse waters and any treated solutions must meet South County Regional Wastewater Authority's, Gilroy/Morgan Hill Pretreatment Program Local Limits before discharge to the sanitary sewer system.

A Industrial Wastewater Discharge Permit must be granted before any wastewater is discharged to the sanitary sewer system.

Dental Offices must also provide plaster traps for sinks where dental plaster materials are mixed, models poured and trimmed.

Hospitals are subject to all waste disposal regulations and pretreatment requirements for various waste processes. (Laboratories, kitchens, pathology, boiler rooms, cooling water, surgery and radiology departments.)

CCD6/92

Chemical Control Division

7070 CHESTNUT STREET
GILROY, CALIFORNIA 95020
(408) 848-0370
Fax (408) 848-0379

SWIMMING POOL AND SPA DISCHARGE PERMIT

1. Gilroy City Ordinance Sec. 19.98 prohibits the discharge of wastewater to any natural outlet; i.e., street, storm drain, creek, channel, etc. Pool/spa drainings must be discharged to the sanitary sewer.

2. Any private or Commercial pool/spa owner, or operator, interested in discharging pool/spa water must obtain a permit from the Gilroy Fire Department, Chemical Control Division.

   The permit may be obtained at the Chestnut Fire Station, 7070 Chestnut Street, Gilroy, between the hours of 8am and 5pm, Monday through Friday. It is advisable to call the Chestnut Office ahead to assure personnel will be available to issue the permit.

   A contractor performing the work must also obtain a business license from the City of Gilroy or Morgan Hill Finance Department.

   The permit is valid for six (6) months from the date of issue. A $20 fee for processing and the related expenses associated with the treatment of the wastewater, must accompany the application.

3. Commercial pools with filter back washing systems and chemical storage areas, are subject to industrial waste discharge permit requirements or other Hazardous Material Storage Ordinance.

For further information, please call (408) 848-0370.

12/92

Chemical Control Division

7070 CHESTNUT STREET
GILROY, CALIFORNIA 95020
(408) 848-0370
Fax (408) 848-0379

SPECIAL EVENTS
CHEMICAL CONTROL DIVISION
REQUIREMENTS

Special Events conducted in the City of Gilroy which feature food booths, and beverage dispensing facilities must apply for a Special Events Permit and submit a detailed plan with the appropriate fees to the Gilroy Fire Department. The plan shall indicate the event site, location and identity of all vendors, food booths, and required facilities.

The permit shall require the Event Promoter and Event Sponsor(s) to comply with, but not limited to, the following:

1. Specific prohibitions: running water, wash water, gray water, beverage overfill and any other source of liquid waste shall not be discharged to the ground, street, curb or storm drain system.

2. Provide collection facilities for wash water (gray water) generated by food booth clean-up operations.

3. Provide conveniently located depositories for un-consumed beverages available during wine or beer tasting events.

4. Provide sufficient portable toilet facilities.

5. Engage the services of a waste hauler to remove gray water and sanitary waste from the event site for proper disposal.

6. The collection facilities must be conveniently located to food booths to preclude the discharging of gray water to the street curbs or ground.

7. Food booth operators must sign agreements with the event promoter to ensure compliance with waste discharge requirements.

8. Any clean-up of city streets, storm drains, catch basins, creekbeds and rivers of waste attributable to the event shall be billed to the Event Principals.

3/93

4/4/95

Home pesticides endanger marine life in Suisun Bay

By DENIS CUFF
Staff writer

Contra Costa residents pouring and rinsing common household pesticides down the drain are making treated sewage lethal to small marine life in Suisun Bay, scientists at the county's largest sewage plant have found.

The cutting-edge research has stoked new interest in what should be done to manage pesticides in urban areas.

State regulators say the study shows the need for more attention to research and management of common pesticides like diazinon, a lawn and garden pest killer, and chlorpyrifos, a flea and termite pesticide. Both substances showed up in the Central Contra Costa Sanitary District sewage, and researchers did tests linking those pesticides to the toxicity of the waste water.

Researchers said chemicals are making it into the bay after passing through the North Concord sewer plant for Central County and the San Ramon Valley.

The effluent has barely detectable concentrations of the pesticides. Yet the sewage kills water fleas, a basic link in the food chain for fish and aquatic life in the San Francisco and Suisun bays, the researchers concluded in a two-year study.

Their study also tracked most of the pesticide source to sewer pipes from residential neighborhoods.

"We are moving into a new area of pollution control," said Jim Kelly, plant operation division manager for the 200,000-customer Central San. "As a cartoon saying goes, 'We have met the enemy, and the enemy is us.' "

Sewer officials attribute the problem to people dumping unused

Please see PESTICIDES, back page

Pesticides

FROM PAGE 1A

pesticides down drains and toilets, rinsing containers or sprayers in sinks, and giving flea dips to cats or dogs in indoor tubs and sinks.

Representatives for DowElanco, a chlorpyrifos maker, say Central San is the only sewer plant they know of that has encountered effluent toxicity problems associated with the pesticide.

"They have shown these substances are very toxic to little critters," said Steve Ritchie, the executive officer of the San Francisco Regional Water Quality Control Board, the state water pollution regulator for the Bay. "We see growing evidence you can't blame all the pesticide sins in California on farmers in the Central Valley."

To protect the environment, Central San this week launched a $19,000 advertising campaign urging consumers not to dump pesticides down the drain.

Advertising appears in newspapers and movie theaters. Brochures appear in hardware and other stores in Central County and the San Ramon Valley that sell household pesticides and root killers.

The advice: Use pesticides sparingly; read labels; give unused pesticides to a friend to use or take them to a household hazardous-waste collection center.

Central San administrators say their agency could be slapped with stiff fines or cleanup orders unless it produces cleaner effluent. During the summer, the treated sewage sometimes kills all the fleas exposed to it during 48-hour lab tests.

Aiming at consumers

District administrators say it's cheaper and easier to change consumers' behavior than to equip the sewer plants with $30 million in pesticide-absorbing filters or seek to ban the use of the pesticides.

"We think a more common sense approach is let's not have government in our face, let's not spend a lot of our ratepayers' money. Let's use more stewardship. Let people take care of things properly," Kelly said.

Not everyone agrees.

"This should be a warning not to allow the use of these pesticides," said Dr. Marion Moses, a physician with the Pesticide Education Center in San Francisco, a nonprofit watchdog group. "Rather than bang people over the head about how to use these products, the best approach is to not use them. There are safer al-

She said boric acid is a safer way to kill termites. Plant-based insecticides are safer for killing fleas, she said.

State water pollution and pesticide regulators, however, applaud the sanitary district for trying to educate consumers to voluntarily clean up their act.

"I think it's great they're showing leadership and raising this issue. For starters, these pesticides should not be going down the drain," said Paul Gosselin, assistant director of the state Department of Pesticide Regulation.

Because pesticides are designed to kill pests, it's reasonable to allow them if the substances can be used without killing other things, Gosselin said.

Education campaign under way

Two pesticide companies, DowElanco and Ciba, helped Central San set up the education campaign. Representatives for those manufacturers say they doubt the effluent is causing significant environmental harm because it gets diluted in Suisun Bay.

exposed to undiluted, treated sewage, but the discharge point for Central San's effluent is the Suisun Bay waters, the mixing zone for bay saltwater and Delta fresh water.

"My judgment is it's well below levels of toxic concern," said Dennis Tierney, environmental production manager for the Ciba Corp., a large diazinon maker based in Greensboro, N.C.

Communities in Greenview and Fort Worth, Texas, were able to stop killing fleas in sewage tests after they mounted campaigns not to dump poisons down the drain, he said.

Tim Maniscalo, spokesman for DowElanco, based in Indiana, said it is following Central San research. The company uses the chemical in Dursban, a popular termite, flea and garden pesticide.

"We are trying to understand from a scientific point of view what is going on here and what role our compound is playing," Maniscalo said.

New Environmental Protection Agency regulations spurred Central San to look harder for problems

The sewer plant had exposed fish to effluent for years, but new rules require testing on more sensitive organisms like fleas.

The discovery of flea deaths in Central San tests triggered a two-year detective job to track down a source.

Diazinon and chlorpyrifos were found in parts per trillion, a measurement smaller than could be detected until a few years ago.

Dursban killed half the fleas in lab tests in concentrations equivalent to one drop of pesticide spread out over 10 backyard swimming pools.

Central San officials conclude that diazinon and chlorpyrifos are partially to blame for the flea deaths, but other substances are contributing as well.

"We don't think it's good to be putting any pesticide down the drain," Kelly said. "You're never sure how things are reacting with each other in the soup of chemicals

Clean laundry is dirty deal for life at end of the drain

By DENIS CUFF
Staff writer

MARTINEZ — Pollution detectives are making a clean start at tracking down toxic substances that go down the drain. They're washing clothes.

Really.

Chemists at the Central Contra Costa Sanitary District borrowed washing machines last summer and did volunteers' laundry for two weeks to analyze residues in wash water. Their findings surprised them.

- Colored clothes bled large amounts of copper, a heavy metal that is toxic to aquatic life. Color dyes are the suspected source.
- Work uniforms worn by people who apply pesticides taint wash water with many times the concentration of chemicals that is lethal to tiny marine life.

Sewer plant operators say they don't want people to wear only white clothes, but they need to know what goes down the drain with laundry water, said Bart Brandenburg, the district's source control superintendent.

Regulators are targeting increasingly small concentrations of pollutants in their effort to protect the Bay.

Laundry water contributes 8.8 percent of the copper coming into the sewer plant, Brandenburg said.

Central San uses the figure to argue the need for a proposed Bay Area sales ban on a larger copper source: chemicals that some homeowners pour in sewer pipes to kill roots that clog them.

Those root killers contribute 14 percent of the copper going into the sewer plant. There are nontoxic alternatives to the products.

"The copper root killers are a bigger source of copper, and (it's) a lot easier to control them than laundry water," Brandenburg said.

Chemical residues from pest control workers' uniforms gave wastewater planners an idea for cutting pollution. They suggest that people who spray pesticides hang their items of protective clothing for two or three days before washing them.

Many garden pesticides break down rapidly in sunlight but can persist for weeks in water.

BOB PEPPING/Times

BART BRANDENBURG, Central San source control superintendent, holds examples of household pesticides that can hurt marine life. At right is Phil Snyder, a senior chemist.

TIPS ON HOME PESTICIDE USE

- Don't pour pesticides down the sink, tub or toilet because the chemicals pass through sewer plants into rivers and bays.
- Rinse used pesticide containers outdoors on the ground or grass, a big pollution sponge. Don't rinse containers near a gutter or storm drain.
- After you spray pesticides, hang up gloves and outer clothing two or three days to give sunlight time to break down the chemicals.
- Don't put copper-based root killers into your sewer pipe to keep tree roots from clogging it up. Instead, hire a mechanical root remover. You can also buy chemical root killers without copper.
- Read pesticide direction and warning labels.
- Use pesticides sparingly. If you have extra, give them to friends or neighbors.
- You can drop off unused pesticides for no charge at county household hazardous waste collection centers or events. For information in Contra Costa County, call 1-800-750-4096. In Alameda County, call 1-800-606-6606.

Source: Central Contra Costa Sanitary District

DAILY LOTTERY

Monday, April 3

Daily 3: 5 3 1

Decco:

♡Q ♣7 ◇K ♠3

FANTASY 5

Monday, April 3

4 8 10 26 33

Prizes

Category	Pool to be shared
5-of-5	30% of pool
4-of-5	30% of pool
3-of-5	40% of pool

BAY AREA
HAZARDOUS WASTE REDUCTION COMMITTEE
c/o East Bay Municipal Utility District • P.O. Box 24055 MS 702 • Oakland, CA 94623-1055 • 510-287-1511

Bay Area Hazardous Waste Reduction Committee (BAHWRC)

Bibliography of Pollution Prevention Resource Materials

December 1994

PURPOSE

BAHWRC is interested in facilitating resource sharing and in helping local government agencies avoid "reinventing the wheel." The purpose of this bibliography is to make BAHWRC members and others aware of the various resource materials held by the Committee. The materials are stored at the BAHWRC office (located at the East Bay Municipal Utility District) and are available for review by appointment Those interested in a particular item listed are invited to call BAHWRC with questions or to contact the publishing agency directly.

Most of the materials listed have been contributed by BAHWRC members and range in nature from workshop announcements to promotional buttons to pollution prevention guidebooks. If you have materials that you are interested in sharing with other agencies, you are encouraged to submit them to BAHWRC for inclusion in this bibliography.

Staff will provide copies (photocopies) of specific items to interested parties and will search the Committee's holdings for materials related to a particular subject upon request. Contact BAHWRC staff at (510) 287-1511 for information regarding the materials listed or to make any changes or corrections.

HOW THE LISTINGS ARE ORGANIZED

Agencies which have published materials noted in this bibliography are arranged in alphabetical order within the framework shown below.

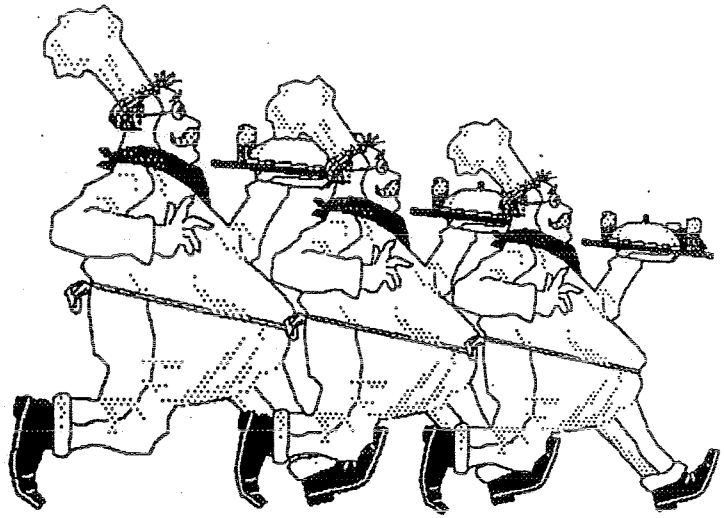
Government Agencies
- City
- County
- Regional/Quasi-Governmental
- State
- Federal

Nongovernmental Organizations

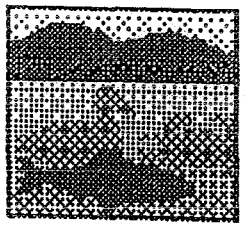
Materials are listed below their agency of publication in alphabetical order and are classified by format based on the following categories: brochure, factsheet, flyer, guidance document, guidebook, newsletter, other -, other publication -, poster, report, and resource document. New listings will be noted with the addition of a ✘.

Over ➥

Be a part of the Team!
Keep the Bay CLEAN!



Water Quality Protection Guidelines for Food Handling Facilities



Regional Water Quality Control Plant

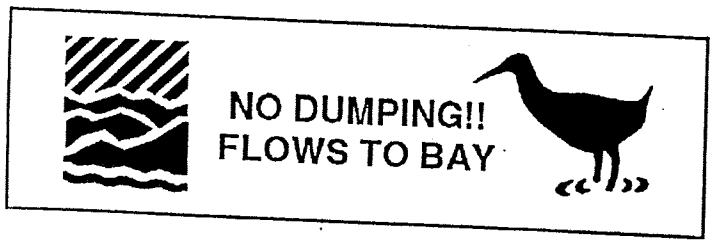
Operated by the City of Palo Alto for the communities of East Palo Alto, Los Altos, Los Altos Hills, Mountain View, Palo Alto, and Stanford

Water quality protection guidelines for food handling facilities

In the Santa Clara Valley, storm drains flow directly to local creeks and San Francisco Bay, with no treatment. Storm water pollution is a serious problem for wildlife dependent on our waterways, and for people who live near polluted streams or baylands.

Food handling facilities such as restaurants, institutional cafeterias, grocery stores, bakeries, and delis, can contribute to stormwater pollution mainly through improper cleanup practices that allow food particles, oil and grease, and cleaning products to flow to a street, gutter, or storm drain.

In communities served by the Regional Water Quality Control Plant (East Palo Alto, Los Altos, Los Altos Hills, Mountain View, Palo Alto, and Stanford) discharge of grease or oil to the storm drain is prohibited by ordinance. Sanitary sewer grease traps or other grease removal devices are required for all new construction and are being retrofitted on existing facilities after a violation of the ordinance has been cited or by January 1, 1997, whichever comes sooner.



Following the "Best Management Practices" (BMPs) in this manual will ensure compliance with ordinance requirements with respect to both the sanitary sewer and the storm drains, and will contribute to a cleaner Bay.

BMPs for a cleaner Bay

Contents

What types of pollution do food handling facilities generate? 4
Sewer of Storm Drain? 4
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BMP #2
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Landscaping and garden maintenance 10
BMP #6
Training employees 11
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Checklist for Water Quality Protection ..... back cover

What types of pollution do food handling facilities generate?

All substances left in a street, gutter, parking lot, or alley—or dumped into a storm drain—end up in local creeks and San Francisco Bay, with no treatment.

- In addition to drawing flies and vermin and causing odor and public health problems, decaying organic materials use up dissolved oxygen in streams and the Bay, stressing or killing aquatic animals.
- Oil and grease cause additional health problems, and also plug sanitary sewer lines, causing sewer backups and severe risks to human health.
- Food handling facilities sometimes also discharge toxic chemicals, including cleaning products, disinfectants, and pesticides. Even biodegradable soaps contain ingredients which are initially toxic to aquatic life.

Sewer or storm drain?

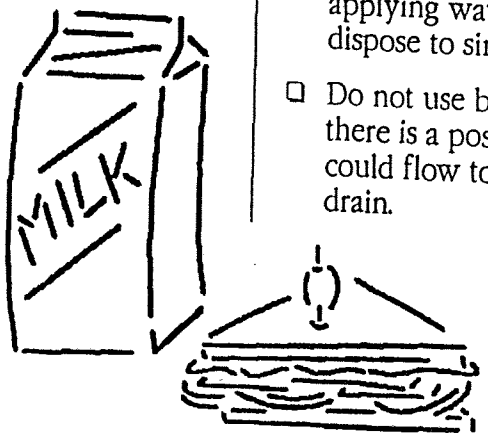
If you are not certain whether a drain leads to the storm drain or sanitary sewer, call your city's sewer department so that they can help you resolve the question. In general, drains inside the building are connected to the sanitary sewer, and outside drains (except for capped sanitary sewer "cleanouts") are connected to the storm drain system. Sanitary sewer cleanouts are usually 6 inches in diameter or smaller, and storm drain inlets are larger – *but there are exceptions.* You need to know for sure!

When you're doing this. . .	. . . Don't forget to do this!
Cleaning dumpster areas, loading docks, or any paved surfaces	Control litter. Make sure the leasing company maintains and cleans dumpsters regularly; return leaking dump-sters for repair immediately. If you must wash down a dumpster, loading dock, or other outdoor surface for health reasons, use dry cleanup methods first, and then rinse, collect water, and discharge to the sink or indoor floor drain.
Cleaning up spills	Control the spill, then sweep or clean up with rags and granular absorbents. Dis-pose absorbents to trash, then mop and collect water, put down sink or indoor floor drain.
Cleaning up hazard-ous materials (eg cleaning products)	Use procedure above, but send residue and absorbents to a hazardous waste disposal site.
Cleaning large equipment	Clean indoors or within a bermed outdoor area where cleaning water will not flow to a storm drain. Collect water and dispose to a sink or indoor floor drain.
Handling grease, oils, and meat fat	Save for recycling in sealed containers. Never pour into a sink, floor drain, or storm drain.
Maintaining cool-ing towers and refrigeration equipment	Make sure all discharges go to the sanitary sewer and NOT to the street, storm drain, or creek. Advise your maintenance con-tractor about storm drain protection.
Landscaping and garden maintenance	Control erosion. Keep yard waste out of the street and storm drain. Use chemicals sparingly, and never in wet weather.

BMP #1: Spill cleanup and pavement cleaning

When cleaning dumpster areas, loading docks, and other paved surfaces, and whenever a spill occurs

- ❑ First, stop any spill at its source.
- ❑ Next, dry sweep.
- ❑ IF wet cleaning (including high-temperature or high-pressure washing) is required, use this 3-step process:
  1. Clean up as much as possible with rags.
  2. Use granular absorbents (e.g. cat litter) to collect residue. Sweep and dispose in trash if hazardous materials are not involved.
  3. Mop (or, if absolutely necessary, wash) and collect water, and dispose of water in sink or sewer drain, not the storm drain.
- ❑ If a final rinse is necessary for health reasons, collect the rinse-water and dispose to sink or indoor floor drain. If outdoors, block storm drain before applying water, collect water, and dispose to sink or indoor drain.
- ❑ Do not use bleach or disinfectants if there is a possibility that rinse- water could flow to a street, gutter, or storm drain.



Dumpsters and loading dock areas

- ❑ Have spill cleanup materials handy in dumpster and loading dock areas.
- ❑ Keep litter from accumulating around loading docks by providing trash receptacles and encouraging employees to use them.
- ❑ Make sure that dumpsters and containers of grease, meat fat, and used cooking oil are always tightly covered.

Spill Cleanup plan

Each establishment should have a spill clean-up plan that includes:

- ✓ Procedures for different types of spills
- ✓ Schedule for training and refreshing employees about the procedures
- ✓ Clean-up kits in well-marked, accessible locations
- ✓ Designation of a key employee who monitors clean-up

- ❑ Post the plan in the work area.

BMP #2: Cleaning and maintaining equipment

When cleaning floor mats, carts, tray racks, exhaust filters, hoods, cooking equipment, food containers, etc.

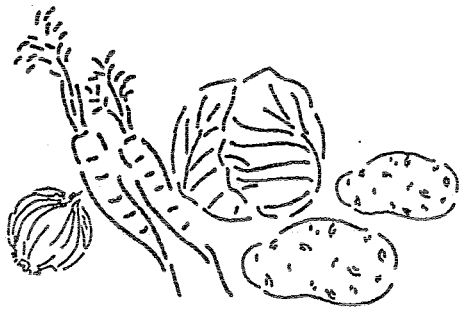
- ❑ Do not clean equipment outdoors or in any area where water may flow to a street, gutter, storm drain, or creek.
- ❑ In order of preference:
  1. Clean equipment in a designated indoor area, such as a kitchen sink or floor, with a drain connected to the sanitary sewer.
  2. Clean equipment in a designated *covered* outdoor area with a drain connected to the sanitary sewer. This area should be isolated from the storm drain with a berm or other barrier.
  3. Clean equipment in a small designated uncovered outdoor area, isolated from the storm drain with a berm or other barrier, where water can be collected for disposal in the sanitary sewer.
- ❑ Use a static rinse tank to clean filters, screens, frying racks, etc. Dispose of used solution to the sanitary sewer.
- ❑ If possible, use floor mats that are small enough to be cleaned inside near a floor sink or drain plumbed to the sanitary sewer.
- ❑ Drain, oven, and toilet bowl cleaners: Use up, and place empty containers in dumpster.

- ❑ Never pour oil, grease, or large quantities of oily liquids such as sauces or salad dressings down a sink, sanitary sewer drain, storm drain, or into a dumpster. Most landfills will not accept grease or other liquid wastes from business/commercial customers.
- ❑ Recycle waste oil and grease whenever possible.
- ❑ Inspect and clean grease interceptors and traps regularly. In Santa Clara County, health department regulations require you to clean grease traps at least every three months.

BMP #3: Grease handling and disposal

When cleaning frying equipment or storing fat or grease for removal to a grease recycler

- ❑ Make sure all discharges from cooling equipment goes to the sanitary sewer and NOT to the street, storm drain, or creek.
- ❑ Make sure your maintenance contractor is knowledgeable and skilled at minimizing corrosion with correct chemical treatment.



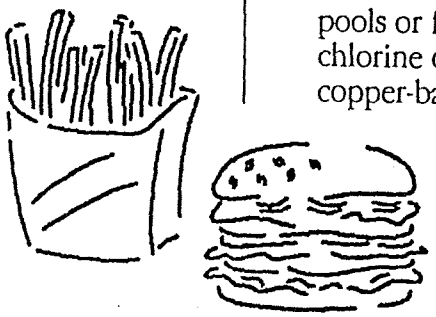
BMP #4. Refrigeration/ cooling tower maintenance

For large food handling facilities such as grocery stores, with large refrigeration units and cooling towers

BMP #5: Landscaping and garden maintenance

For restaurants and other businesses with landscaped grounds

- ❑ Schedule grading and earth-moving landscaping projects for periods of dry weather.
- ❑ When landscaping, protect nearby storm drains with hay bales or other erosion controls. Refer to *Blueprint for a Clean Bay*, a simple manual of construction practices that will minimize stormwater pollution, available from the Regional Water Quality Control Plant or the Santa Clara Valley Nonpoint Source Pollution Control Program. (See numbers at right.)
- ❑ Collect grass clippings, leaves, tree pruning waste, etc. for composting or place in trash. Do not blow, rake, or sweep yard waste into the street or gutter.
- ❑ Use minimal amounts of pesticides, fertilizers, etc.—and only in dry weather periods. Never exceed manufacturer's recommended application rates. Landscaping runoff is a significant source of stormwater pollution.
- ❑ Do not use copper-based algicides in pools or fountains. Control algae with chlorine or other alternatives to copper-based products.



- ❑ Discuss good pollution control practices with all employees at least quarterly.
- ❑ Systematically inform new employees about these best management practices.
- ❑ Post cleanup guidelines and the name of each shift's designated spill cleanup monitor in a visible location.
- ❑ Complete the checklist on the back of this brochure, and share it with employees.

For more information:

In East Palo Alto, Los Altos Hills, Palo Alto, and Stanford, call the Regional Water Quality Control Plant
(business hours) 329-2598

In Mountain View 903-6378

In Los Altos 948-1491 x230

Santa Clara Valley Water District
(business hours) 408/265-2600
(evenings,weekends) 408/395-8121

For additional copies of this brochure call the Regional Water Quality Control Plant, 329-2598.

BMP #6: Training employees

Food handling establishments often have high rates of employee turnover

In case of a spill or emergency...

For help stopping spills from flowing to a creek or storm drain, call Emergency Response 911 IMMEDIATELY!

Checklist for Water Quality Protection

General Information

	Yes	No	n/a
1. All management personnel have reviewed this brochure.			
2. All employees have been advised of these BMPS.			
3. Storm drains are stencilled "No Dumping! Flows to Bay." (For stencils, call 800/794-2482.)			

Grease Traps/Interceptors

	Yes	No	n/a
1. A grease trap is located inside the facility.			
2. A grease interceptor is located outside the facility.			
3. Frequency of pumping/removing grease: every ____weeks,____months, ____years			
4. All records of grease pumping are kept for three years, as required by ordinance.			
5. The following fixtures are connected to a trap or interceptor:			
a. Wall- or floor-mounted sinks			
b. Automatic dishwashers			
c. Floor drains			
d. Other_____			

Equipment Cleaning

	Yes	No	n/a
1. The following items are cleaned in such a manner that all washwater goes to the sanitary sewer or is hauled offsite:			
a. Grease filters			
b. Floor mats			
c. Floors (mop water and rinse water)			
d. Grill(s)			
e. Other_____			

Dumpsters and Recycling Containers

	Yes	No	n/a
1. Dumpsters and recycling containers are always covered.			
2. There are no signs of leaks or missing drain plugs.			
3. Spilled materials around garbage containers are picked up regularly.			
4. If water is used to clean the area, washwater is collected or directed to the sanitary sewer.			

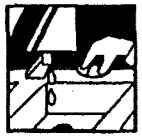
Spill Response

	Yes	No	n/a
1. In case of a spill (e.g. grease), absorbents such as cat litter are readily available.			
2. Employees are trained:			
a. To control and clean up spills			
b. To call for assitance in case of emergencies			

EPA

nore information on what you and your ɔmmunity can do to use water more efficiently, contact:

S. Environmental Protection Agency
Office of Water
401 M Street, S.W.
Washington, D.C. 20460



For more information on pollution 'ention programs at U.S. EPA, contact:

S. Environmental Protection Agency
Office of Pollution Prevention
401 M Street, S.W.
Washington, D.C. 20460

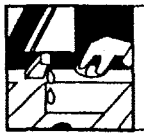
United States Environmental Protection Agency
20W-0002
July 1990

OW (WH-556) OPPE (PM-221)

EPA

Preventing Pollution Through Efficient Water Use

How Efficient Water Use Helps Prevent Pollution



Other Reasons to Use Water Wisely

What Individuals Can Do

What Communities Can Do

How Efficien

Using water more efficiently can help prev resources. More efficient water use by you

Fewer Pollutants

- Using less water reduces the amount o water discharged into our lakes, strean and marine waters.
- The amount of pollutants wastewater (also be reduced, as treatment efficiency
- Recycled process water can reduce pol from industry.
- More efficient irrigation can minimize agricultural pollutants and reduce the fertilizers and pesticides.

Protection of Aquatic Habitats

- Building fewer and smaller new water can help preserve wetlands, which nat treat pollutants.
- Diverting less water preserves more st to maintain a healthy aquatic environ

United States Environmental Protection Agency
20W-0002
July 1990

OW (WH-556)
OPPE (PM-222)

Preventing Pollution Through Efficient Water Use

How Efficient Water Use Helps Prevent Pollution

Other Reasons to Use Water Wisely

What Individuals Can Do

What Communities Can Do

How Efficient Water Use Helps Prevent Pollution

Using water more efficiently can help prevent pollution as well as protect and conserve our finite water resources. More efficient water use by you and your community has many other benefits.

Fewer Pollutants

- Using less water reduces the amount of wastewater discharged into our lakes, streams, rivers, and marine waters.
- The amount of pollutants wastewater carries can also be reduced, as treatment efficiency improves.
- Recycled process water can reduce pollutants from industry.
- More efficient irrigation can minimize runoff of agricultural pollutants and reduce the use of fertilizers and pesticides.

Protection of Aquatic Habitats

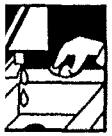
- Building fewer and smaller new water projects can help preserve wetlands, which naturally treat pollutants.
- Diverting less water preserves more streamflow to maintain a healthy aquatic environment.

Protection of Drinking Water Sources

- Less pumping of groundwater lowers the chance that pollutants will be drawn into a water supply well.
- With less water use, septic system performance can improve, reducing the risk of groundwater contamination.
- Highest quality water sources are preserved for drinking water by using treated wastewater for other uses.

Energy Conservation

- Efficient water use means less power needed to pump and treat water and wastewater.
- Less water use reduces the amount of energy required for heating hot water.
- Less energy demand results in fewer harmful by-products from power plants.



Other Reasons to Use Water Wisely

nting pollution is only one reason why using efficiently makes sense. Here are a few more:

ey Saved

ess water use results in fewer pumping and eatment costs.

aving money on water and wastewater operaons frees money for meeting water quality, ublic health and water treatment goals.

Vater saved is also energy, and money, saved for ou and your community.

roved Reliability

Vater conservation provides a hedge against lrought impacts.

mproving water efficiency may be quicker and heaper than developing a new supply.

Reduced water use may extend the life of your vater or wastewater facility.

Reduced water use may increase the efficiency of vastewater treatment, and reduce overflows luring storms.

Communities which use water efficiently are better prepared to cope with effects of possible future climate change.

What Individuals Can Do

More efficient water use begins with individuals, in the home and place of work. Taking these and other steps, and encouraging others to do so, makes good economic as well as environmental sense.

In The Home

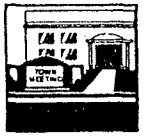
- ☞ Install a toilet dam or plastic bottle in your toilet tank.
- ☞ Install a water-efficient showerhead (2.5 gallons or less per minute).
- ☞ When you buy a new toilet, purchase a low flow model (1.6 gallons or less per flush).

Outdoors

- ☞ Water in the morning or evening, to minimize evaporation.
- ☞ Install a drip-irrigation watering system for valuable plants.
- ☞ Use drought-tolerant plants and grasses for landscaping, and reduce grass-covered areas.

At Work or School

- ☞ Adopt the same water-saving habits that are effective at home.
- ☞ Ask about installing water-efficient equipment and reducing outdoor water use.
- ☞ Encourage employers to explore the use of recycled "gray-water" or reclaimed wastewater.



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A water supplier or wastewater system o deliver water more efficiently. A commur

Not all of these steps are expensive. The these are appropriate where you live anc

A Water Supplier or Wastewater Processor Can:

- ☞ Identify who uses water, and reduce counted-for water use.
- ☞ Find and repair leaking pipes.
- ☞ Consider a new pricing scheme whic ages conservation.
- ☞ Reduce excess pressure in water line
- ☞ Explore the reuse of treated wastewa other than drinking water.
- ☞ Charge hookup fees which encourag efficient water use in new buildings.
- ☞ Build water efficiency into future de jections, facility planning, and droug ning.

What Individuals Can Do

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School

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What Communities Can Do

A water supplier or wastewater system operator (public or private) has cost-effective options to process and deliver water more efficiently. A community can do the same, and can foster ways to use water wisely.

Not all of these steps are expensive. The best choices vary by region and by community; start by asking if these are appropriate where you live and work.

A Water Supplier or Wastewater Processor Can:

- ☞ Identify who uses water, and reduce unaccounted-for water use.
- ☞ Find and repair leaking pipes.
- ☞ Consider a new pricing scheme which encourages conservation.
- ☞ Reduce excess pressure in water lines.
- ☞ Explore the reuse of treated wastewater for uses other than drinking water.
- ☞ Charge hookup fees which encourage more efficient water use in new buildings.
- ☞ Build water efficiency into future demand projections, facility planning, and drought planning.

A Community Can:

- ☞ Adopt plumbing and building codes that require water-efficient equipment and practices.
- ☞ Adopt a water-efficient landscaping ordinance to reduce the water used for golf courses and commercial landscapes.
- ☞ Retrofit older buildings with water-efficient equipment, starting with public buildings.
- ☞ Reduce municipal water use for landscaping and other uses.
- ☞ Conduct a public education campaign.
- ☞ Require developers to build in water efficiency measures.

Recipes for Safe Household Cleaning Alternatives

- **Window Cleaners:** Measure 3 tablespoons ammonia, 1 tablespoon white vinegar, and 3/4 cup water into clean spray bottle. Spray on window and wipe clean. *Glass* - spray vinegar on glass and wipe dry with newsprint.

- **Metal Polishes:** *Brass* - polish with Worcestershire sauce. *Copper* - soak in vinegar and salt solution. *Silver* - soak in a quart of warm water containing 1 teaspoon baking soda, 1 teaspoon salt, and a piece of aluminum foil.

- **Abrasive Cleaners:** *Toilet* - pour 1/2 cup chlorine bleach into toilet bowl, let stand for 30 minutes, scrub with long-handled brush, then flush. *Drain* - flush with boiling water, 1/4 cup baking soda, and 2 ounces of vinegar. *Sinks* - use store brands that do not contain chlorine, or scrub with baking soda.

- **Air Fresheners/ Deodorizers:**
  (a) Sprinkle baking soda in odor-producing areas.
  (b) Set vinegar out in an open dish
  (c) Place an open box of baking soda in the refrigerator to absorb food odors.
  (d) Pour baking soda down garbage disposal to get rid of disposal and drain odors.
  (e) Sprinkle baking soda over entire carpet and vacuum after 30 minutes.

- **Mothballs:** Place cedar chips, newspapers or lavender flowers around closets. Wool clothing should be cleaned and wrapped in plastic bags during warm weather.

- **Ants:** Pour boiling water over the nest, then remove any accessible food and water around nest. Pour a line of cream of tartar or chili powder where ants enter the house. They will not cross this line.

- **Roaches:** Clean up food in area found and around house. Place bay leaves near cracks. Caulk all cracks around home and use sticky traps. Set out a dish containing 50% oatmeal and 50% plaster of Paris.

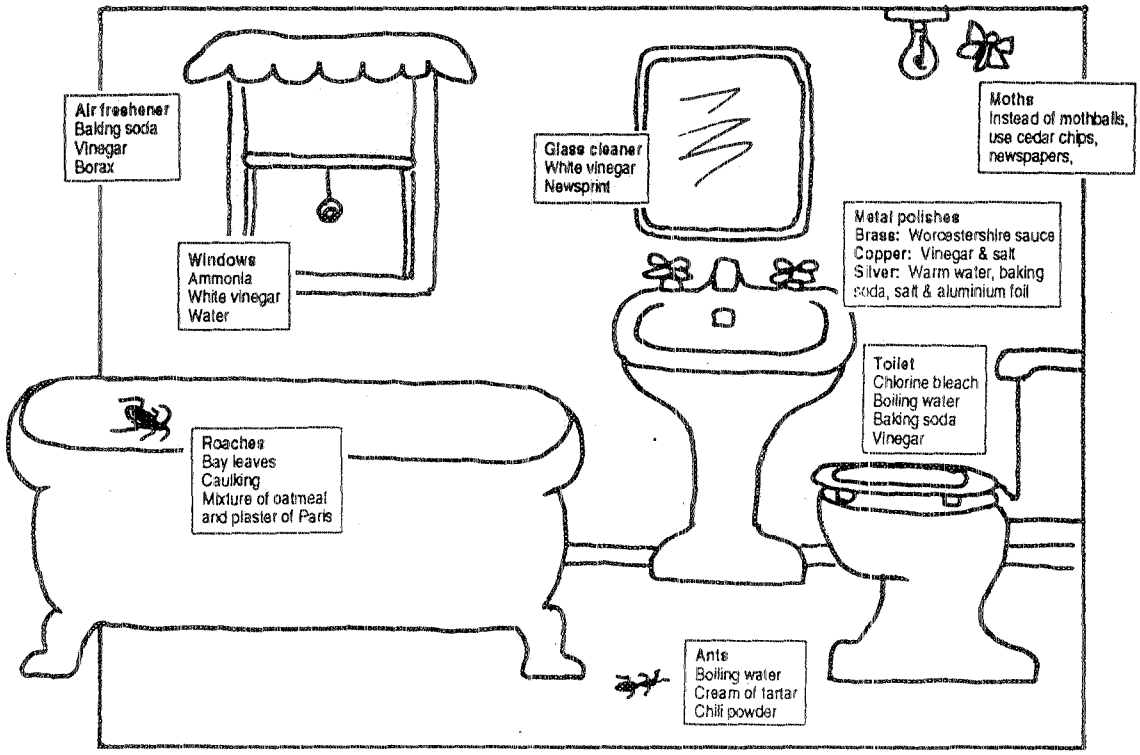
For more information please contact the
Sunnyvale Water Pollution Control Plant (408) 730-7260.

KEEPING A HOME HEALTHY

The Facts

- ✓ The American homeowner uses more than 40 pounds of toxic cleaning products every year.
- ✓ Fifteen percent of all toxic pollutants that enter our streams come from our homes.
- ✓ Household cleaning products gross an estimated 8.8 million dollars every year. These household products may help us maintain a clean home but, meanwhile, they are polluting our homes as well as the environment.

Safe Alternatives If extra care is taken to use safe cleaning alternatives, the long term result is a better environment for all of us. There are many safe alternatives to the large amount of dangerous chemicals that are on the market today. The illustration below shows some safe cleaning product examples.



Simple Solutions With a few easy steps, we can cut back on hazardous chemicals used at home. Here are three remedies to some common problems.

1. Store out of season clothes with cedar chips instead of mothballs.
   Not only do cedar chips make your clothes smell fresher, they are also environmentally friendly. Mothballs are considered hazardous waste.
2. Buy fly swatters instead of insecticide to get rid of pestering insects.
   A fly swatter is a cheaper way to get rid of insects, it has been proven very effective, and also alleviates the responsibility of having to take the insecticide cans to a hazardous waste collection center.
3. Eliminate the use of copper root control products.
   The practice of pouring these products down the drain or toilet to get rid of tree roots has been proven ineffective and ultimately ends up polluting the San Francisco Bay and harming wildlife.

Auto Body Repair Industry
Pollution Prevention Checklist

Name of Business	
Address	
Site ID #	SIC Code
Business Volume _____ repair jobs/week	Volume of Waste

In This Area/Job Task	If You Find This	Suggest This	Currently Doing This	Could Be Implemented	Does Not Apply
Material Storage Area	Damaged or open containers	Keep containers closed and replace damaged containers.			
	Deteriorating materials or several partially used containers	Control inventory by properly labeling and dating containers. Periodically inspect inventory and order only that amount which is needed.			
Automobile Cleaning	Cleaning of automobile in areas exposed to paint or other wastes	Clean automobiles using detergent and water only where operation will not mix with paint and other wastes.			
Automobile Disassembly	Collection of fluids from automibiles which can be wastes	Save antifreeze and oils removed from automobiles and reuse. If materials cannot be reused, then recycle them off-site			
Body Filling and Sanding	Excessive body filler waste	Limit access to body filler. Have employees justify use of bondo and account for quantity used.			
	Wash down of sanding area	Collect dust by sweeping, not by washing. Use "wet vac" if wet sanding is performed.			
Priming and Painting	Excessive paint use	Only mix amount of paint that is needed.			
	Excessive paint overspray	Train employees to use proper spray gun angle and gun pressures.			
	High use of lacquers	Use enamels if possible. They requires less VOC content and less sanding.			
Cleanup	Manual cleanup of spray guns	Do not spray solvent through gun to clean it. Use spray gun cleaning unit which is totally enclosed and recovers spent thinner. Scrape paint from cup before cleaning.			
	Disposal of spent thinners	Reuse spent thnners for primers and base coats. Recycle off-site or recycle on-site by installing a distillation unit.			

Photoprocessing Industry
Pollution Prevention Checklist

Name of Business	
Address	
Site ID #	SIC Code
Business Volume _____ rolls/week	Volume of Waste
Types of Waste	

In This Area/Job Task	If You Find This	Suggest This	Currently Doing This	Could Be Implemented	Does Not Apply
Storage Room	More than a month's supply	Minimize inventories to reduce losses from overage.			
	Un-labeled containers	Add labels so chemicals are not mistakenly mixed.			
	Open containers	Close lids tightly to slow down aging.			
	Room is hot or dusty	Cool/clean room to prolong chemical life.			
	No spill clean-up / safety gear	Obtain simple clean-up kit; use gloves & glasses.			
	No material safety data sheets	Obtain from chemical supplier; train employees.			
	High shelves	Consider both lifting hazard & earthquake risk.			
Darkroom (if any)	Chemicals left in trays between use	Return baths to "working" storage to keep fresh.			
	Once-through flowing water rinse	Valve, timer, or 2-stage rinse to reduce water use.			
	Spent solutions put down drain	Recover silver from fixer before disposal.			
	Significant B&W film/paper scrap or unexposed color scrap	Send scrap to silver reclaimer. Find ways to make less scrap. If dust is cause, fix A/C.			
Automatic Film Processor/Printer (B&W or color)	Chemicals replaced on a scheduled basis (e.g. once a week)	Use test strips to see when replacement really needed, or change to process that allows continuous addition of make-up chemicals.			
	Chemical addition points awkward or un-labeled; no instruction sheet	Prevent spills by using funnels, and wrong additions by following labels & instructions. Only let trained staff handle chemicals. Use gloves.			
	Spent solutions put down drain	Recover silver from fixer before disposal - use canisters of steel wool, ion exchange units, or electrolytic systems.			

Printing Industry
Pollution Prevention Checklist

Name of Business	
Address	
Site ID #	SIC Code
Business Volume	Volume of Waste
Type of Printing	

In This Area/Job Task	If You Find This	Suggest This	Currently Doing This	Could Be Implemented	Does Not Apply
Material Handling and Storage	Damaged or open containers	Keep containers closed and replace damaged containers.			
	Deteriorating materials or several partially used containers	Control inventory by properly labeling and dating containers. Periodically inspect inventory and order only that amount which is needed.			
	Large inventories of raw materials	Suggest ordering materials on a "just in time" basis to minimize spoilage. Use first-in first-out inventory control.			
	Heavy traffic through storage area or un-protected inventory	Controlling traffic and access to prevent damage to raw material.			
	Paper stored in un-controlled environment	Suggest storage of paper in humidity and temperature-controlled area to minimize deterioration.			
Image Processing	Photocopy being prepared by traditional photomechanical processes	Suggest converting to an electronic pre-press system.			
	Wastestreams containing silver	Recover silver on-site from photoprocessing wastestreams.			
	Excessive use of photoprocessing chemicals	Reuse photoprocessing chemicals and add chemicals (e.g. ammonium thiosulfate and acetic acid) to extend the life of fixing baths.			
	Single pass-through rinsing	Use countercurrent rinsing techniques.			
Plate Processing	Disposal of spent baths (etching and plating)	Recover metals from solution or recapture spent solutions for reuse.			
	Manual replenishment of developer/finisher	Install an automatic replenishment system for developer/finisher.			
	Use of solvent-based developers.	Evaluate water-based development systems.			
	Disposal of spent plates	Recycle spent plates.			

Construction Industry
Pollution Prevention Checklist

Name of Business	
Address	
Site ID #	SIC Code
Types of Waste	Volume of Waste
Description of Site	

In This Area/Job Task	If You Find This	Suggest This	Currently Doing This	Could Be Implemented	Does Not Apply
Material Storage Area	Exposed containers	Installation of a covered and bermed storage area.			
	Damaged or open containers	Keep containers closed and replace damaged containers.			
	Deteriorating materials or several partially used containers	Control inventory by properly labeling and dating containers. Periodically inspect inventory and order only that amount which is needed.			
Job-Site	Mixed waste	Segregate wastes to allow better reuse and recycle of materials. Keep hazardous waste separated from non-hazardous waste, and segregate other waste by recycle category.			
	Scattered debris	Collect and properly store debris to prevent contact with stormwater or other further contamination.			
	Exposed dumpsters	Cover dumpsters to prevent stormwater runoff and blowing of dust.			
	Contaminated soil	Sample and analyze soil for possible contamination. Properly dispose of soil if contaminated.			
	Oily rags	Launder and reuse rags with off-site laundary vendor.			
Site Clearing and Excavation	Exposed soil during rainfall	Use dikes, ditches, and hay bales to prevent soil erosion. Plant vegetation on exposed areas.			
	Use of Herbicides	Use non-toxic alternative.			
	Use of preservative-treated wood	Suggest contractor get architect's approval to use less toxic alternative.			
Concrete Work	Use of waterproofing material containing chlorinated solvents (e.g. MEK)	Use alternative petroleum based sealers or plastic panels with adhesive.			
Structure Work	Use of sealants, adhesives, and caulkings	Suggest contractor get architect's approval to use less toxic alternative.			

Drycleaning Industry
Pollution Prevention Checklist

Name of Business	
Address	
Site ID #	SIC Code
Business Volume _____ lbs of clothing/week	Volume of Waste
Solvent Used ❑ PERC ❑ Other (specify: _____)	

In This Area/Job Task	If You Find This	Suggest This	Currently Doing This	Could Be Implemented	Does Not Apply
Material Storage Area	Damaged or open containers	Keep containers closed and replace damaged containers.			
	Deteriorating materials or several partially used containers	Control inventory by properly labeling and dating containers. Periodically inspect inventory and order only that amount which is needed.			
Solvent Use	Dry-to-dry non-vented system in use	Install a carbon adsorption unit to reclaim solvent from air emissions. Use a condenser to recovery solvent removed from carbon adsorbers.			
	Off-site disposal of spent solvent	Install an on-site solvent recovery distillation system.			
	Spent cartridges disposed with solvent left in them	Allow filters to drain of solvent for 12 hours in an enclosed container. Use steam stripping to remove solvent.			
Drycleaning Equipment	Use of older transfer ("wet-to-dry") machines	Replace equipment with dry-to-dry equipment. Convert wet-to-dry to transfer type. Add carbon adsorbers, steam stripping, and condensers to recover solvent.			
Wastewater Discharge	Discharge of untreated wastewater to the sewer	Install a separator and/or carbon adsorption unit to remove solvents before discharge. Recover solvents by steam stripping and condensing.			
General Housekeeping and Operating Practices	Excessive opening of equipment which releases vapors	Keep doors closed as much as possible to minimize loss of solvent vapors. Install an exhaust fan and carbon adsorber to turn on and recover vapors when doors are opened.			
	Disposal of wet still bottoms and other sludges	"Re-cook" sludges to remove excessive solvents and recover.			
	Indication of poor maintenance	Routinely check for solvent leaks in hose connections, couplings, and valves. Check door and filter cartridge gaskets and seating, baffle assemblies, and air relief valves for proper condition and functioning.			
General	Excessive drycleaning of cotton materials	Consider laundering instead of drycleaning.			

Robert R. Ledesma
Program Administrator

Arthur L. Gillespie
Fire Chief

GILROY FIRE DEPARTMENT

Building, Life, and Environmental Safety Division
Chemical Control
7351 Rosanna Street
Gilroy, CA 95020

Telephone: (408) 848-0430 FAX: (408) 842-2409

GREASE REMOVAL REPORT

Business name:_____ Reporting month:_____

Address:_____ Reporting year:_____

City:_____ Zip:_____

- - - -

GREASE REMOVAL LETTERS

Pizza N Stuff
150-B Leavesley Road
Gilroy

Stop N Shop Market
150-A Leavesley Road
Gilroy

Round Table Pizza
815 First Street
Gilroy

Singleton's Market
95 Fourth Street
Gilroy

Pap's Hecker Pass Liquor & Deli
221 First Street
Gilroy

Longhouse Restaurant
8195 Monterey Street
Gilroy

Denny's Restaurant
8425 San Ysidro
Gilroy

Lyons Restaurant
395 Leavesley Road
Gilroy

Kentucky Fried Chicken
8295 Monterey Street
Gilroy

Wendy's Hamburgers
393 Tenth Street
Gilroy

Gaeta's Taqueria
353 Tenth Street #I-2
Gilroy

Mountain Mike's Pizza
433 First Street
Gilroy

O'Henry's Donuts
401 Tenth Street
Gilroy

Foster's Freeze
7880 Monterey Street
Gilroy

Mi Taqueria
611 First Street
Gilroy

Super Taqueria
401 Tenth Street #4
Gilroy

Gilroy Cafe
8225 Arroyo Circle
Gilroy

Golden West Restaurant
840 Pacheco Pass Highway
Gilroy

Gilroy Inn
7001 Monterey Street
Gilroy

China Best Restaurant
1160 First Street
Gilroy

Victoria's Mexican Restaurant
757 First Street
Gilroy

Chevy's
8440 Murray Avenue
Gilroy

Wellington Fish & Chips
848 Chestnut Street
Gilroy

Jack In The Box
7895 Monterey Street
Gilroy

Alamo Food Service
600 Silacci Way
Gilroy

Dragon Phoenix Restaurant
7121 Monterey Street
Gilroy

Chopstix Chinese Restaurant
35 First Street
Gilroy

Domino's Pizza
823 First Street
Gilroy

FW Marketplace
30 E. Tenth Street
Gilroy

Gavilan Restaurant
620 Monterey Street
Gilroy

H.G. Catering Trucks
35 Mayock #D13
Gilroy

McDonalds Restaurant
890 Chestnut STreet
Gilroy

Not Just Yogurt
840 First Street
Gilroy

Garcia's Restaurant
7275 Monterey Street
Gilroy

El 7 Mares Restaurant
7820 Monterey Street
Gilroy

Taco Bell
8060 Wren Avenue
Gilroy

Taco Bell
380 Tenth Street
Gilroy

The Sports Connection
1300 First Street
Gilroy

La Flor De Jalisco
144 Lewis Street
Gilroy

McDonald's
797 First Street
Gilroy

Aztlan Bakery & Deli
7419 Monterey Street
Gilroy

Joe's Italian Restaurant
1360 First Street
Gilroy

St. Mary Parish
11 First Street
Gilroy

Sydran Food Serv. DBA: Burger King
450 Leavesley Road
Gilroy

luper Save Market
11 First Street
filroy

lHermanos Restaurant
301 Monterey Street
filroy

lama's 2 for 1 Pizza
901 Westwood Drive #G
filroy

lUSD Central Kitchen
743 Hanna Street
filroy

lutchman's Pizza
940 Chestnut Street
filroy

lraw Hat Pizza
953 First Street
filroy

lallarta's Mexican Seafood
10 E. Tenth Street
filroy

lamboo Village
945 Wren Avenue
filroy

lizza Hut #758687
1171 First Street
filroy

l D's Kitchen
8 Martin Street
filroy

lafeway Store #311
145 First Street
filroy

Luckie's Chinese Restaurant
7760-B Monterey Street
Gilroy

Pizza Cove
303 First Street
Gilroy

[redacted]
705 First Street
Gilroy

El Paisano Restaurant
7484 Monterey Street
Gilroy

Best Burgers
915 First Street
Gilroy

Moon's Kitchen
1340 First Street #A
Gilroy

McDonald's Of Gilroy At The Outlets
8390 Arroyo Circle
Gilroy

Leyon Restaurant
7347 Monterey Street
Gilroy

Erik's Delicafe
8300-320 Arroyo Circle
Gilroy

Gilroy Bowl
7554 Monterey Street
Gilroy

Cielito Lindo Restaurant
7460 Monterey Street
Gilroy

Baha Ranch Burger
10 W. Seventh Street
Gilroy

Pink Elephant Bakery
340 E. Tenth Street
Gilroy

Fong's Chinese Restaurant
7433 Monterey Street
Gilroy

Little Caesars Pizza Int.
1340 First Street
Gilroy

Togo's
1331 First Street
Gilroy

Dragon Phoenix Restaurant
7121 Motnerey Street
Gilroy

Royal Donuts & Deli
168 W. Tenth Street
Gilroy

Kacey Jones
8337 Church Street
Gilroy

Tres Ms
7610 Monterey Street
Gilroy

Chubby's Diner #189
340 E. Tenth Street
Gilroy

Station 55 of Gilroy
55 Fifth Street
Gilroy

La Rosa Bakery
7435 Monterey Street
Gilroy

Erik's Delicafe Marketplace
681 Leavesley Road #170
Gilroy

Old City Hall Restaurant
7400 Monterey Street
Gilroy

Canton Express
340 E. Tenth Street #G
Gilroy

5th Street Creamery
20 W. Fifth Street
Gilroy

Taqueria Rancho Viejo
7574 Monterey Street
Gilroy

Las Palmas
7793 Wren Avenue
Gilroy

Apatzigan Meat Market
7237 Monterey Street
Gilroy

In N Out Burgers
641 Leavesley Road
Gilroy

Harvest Time Restaurant
7397 Monterey Street
Gilroy

D & D Pizza
353 E. Tenth Street #I-1
Gilroy

Saint Louise Health Center
18500 St. Louise Drive
Morgan Hill

Just Breakfast
17415 Monterey Road
Morgan Hill

Arnies Bar & Grill
19140 Monterey Road
Morgan Hill

Taco Bell #1978
16900 Monterey Road
Morgan Hill

Moon's Kitchen
16985 Monterey Road
Morgan Hill

Donuts N Things
17698- A Monterey Road
Morgan Hill

Subway
15850 Monterey Road
Morgan Hill

McDonald's
101 Vineyard Town Center Way
Morgan Hill

Salsa Taqueria, Inc.
16873 Monterey Road
Morgan Hill

Jack In The Box
17015 Condit Road
Morgan Hill

McDonald's
135 Cochrane Plaza
Morgan Hill

Erik's Delicafe
309 Vineyard Town Center Way
Morgan Hill

Marie Callender Pies
18599 Sutter Boulevard
Morgan Hill

Way Better Cafe
112 Cochrane Road
Morgan Hill

Halal Meat Market
82 E. Second Street
Morgan Hill

Jesus Mexican Restaurant
95 Third Street
Morgan Hill

La Morena Bakery
90 E. Second Street
Morgan Hill

Betsys Cafe
16180 Monterey Road
Morgan Hill

Morgan Hill Take Out Chinese Food
217 Tennant Station
Morgan Hill

Servo Foods
16100 Jacqueline Court
Morgan Hill

Peking Restaurant
92 E. Second Street
Morgan Hill

Touch of Class Cafe
409 Vineyard Town Center
Morgan Hill

Snowhite Drive Inn
16290 Monterey Road
Morgan Hill

La Palmas #1
411 Vineyard Town Center
Morgan Hill

O'Henry's Donuts
500 Vineyard Town Center
Morgan Hill

Pizza Hut
16375 Monterey Road
Morgan Hill

Stuft Pizza of Morgan Hill
301 Vineyard Town Center
Morgan Hill

Dom's Cafe
17910 Monterey Road
Morgan Hill

Pancho's Mexican Restaurant
16490 Monterey Road
Morgan Hill

The Good Food Company
~~17835 Montery Road~~ Ste 123
Morgan Hill 95037

China Palace
16715-C Monterey Road
Morgan Hill

Dari Delite Drive-In
17735 Monterey Road
Morgan Hill

Little Caesars
16999-H Monterey Road
Morgan Hill

Izakaya Japanese Restaurant
17415 Monterey Road
Morgan Hill

Sinaloa Cafe
19210 Monterey Road
Morgan Hill

Sizzler Santa Clara Inc.
15900 Monterey Road
Morgan Hill

Roundtable Pizza
16740 Monterey Road
Morgan Hill

Kentucky Fried Chicken
17050 Laurel
Morgan Hill

Morgan Hill Bakery
251 Vineyard Town Center
Morgan Hill

Culinary Express
17865 Monterey Road #H
Morgan Hill

Mushrooms Grille & Bar
65 W. Main Avenue
Morgan Hill

Golden China Restaurant
16965 Monterey Road
Morgan Hill

Burger King #2867
16025 Motnerey Road
Morgan Hill

Madrone Meat Market
19120 Monterey Road
Morgan Hill

Lombardo's Donuts
219 W. Main Avenue
Morgan Hill

Buon Gusto Italian Deli
17385 Monterey Road
Morgan Hill

Didomenico's Gourmet Pasta
195 San Pedro #C-12
Morgan Hill

Ida's
17320 Monterey Road
Morgan Hill

Togo's
16965 Monterey Road
Morgan Hill

Lyon's Restaurant
775 E. Dunne Avenue
Morgan Hill

Super Taqueria
15840 Monterey Road
Morgan Hill

Frank's Snack Bar
16100 Jacqueline Court
Morgan Hill

Betsy's Restaurant
650 Tennant Avenue
Morgan Hill

Flying Dragon Restaurant
17340 Monterey Road
Morgan Hill

Mountain Mike Pizza
195 Mast Street
Morgan Hill

Pink Elephant Bakery
16915 Monterey Road
Morgan Hill

Hiromi's Restaurant
35 E. Main
Morgan Hill

Golden House Chinese Food
233 A W. Main Avenue
Morgan Hill

Burger King #7928
830 W. Dunne Avenue
Morgan Hill

Wheat Valley Bakery
16860 Joleen Way
Morgan Hill

El Palacio Restaurant
17330 Monterey Road
Morgan Hill

Morgan's Mate
207 W. Main Avenue
Morgan Hill

Nonnos Take N Bake
435 Vineyard Town Center
Morgan Hill

Speros Courtyard Restaurant
19500 Monterey Road
Morgan Hill

Golden Oak Restaurant
16695 Condit Road
Morgan Hill

~~**Grandma Aggies Famous Shortbread**~~
~~**17835 Monterey Road**~~
~~**Morgan Hill**~~

Safeway Inc. #1455-11
840 E. Dunne Avenue
Morgan Hill

Papa Don's Pizzeria
15858 Monterey Road
Morgan Hill

La Dolce Vita
275 E. Dunne Avenue
Morgan Hill

Tio Felipe's Taqueria
16760 Monterey road
Morgan Hill

Casa Mia Ristorante Italiano
25 W. Main Avenue
Morgan Hill

El Capri
18625 Monterey Road
Morgan Hill

Star Food Service DBA Carl's Jr
16995 Condit Road
Morgan Hill

Friendly Fred's Hot Dogs
409 Tennant Avenue
Morgan Hill

Mezza Luna
17230 Monterey Road
Morgan Hill

Trail Dust Bar BQ Joint
16855 Monterey Road
Morgan Hill

Hilltop Market
16820 Jackson Oaks
Morgan Hill

Box Seat Sports Grill
15650 Vineyard
Morgan Hill

Rayford's Original Mississippi BBQ
17240 Monterey Road
Morgan Hill